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AMERICAN POULTRY WORLD

JUNE, 1912

Vol. III

No. 8

INDUSTRY

PROGRESS

ECONOMY

AMERICAN POULTRY PUBLISHING COMPANY
BUFFALO, N.Y., U.S.A.

AMERICAN POULTRY WORLD

Published the First of Each Month by the
AMERICAN POULTRY PUBLISHING
COMPANY

158 Pearl St., BUFFALO, N. Y.

President GRANT M. CURTIS
Vice-President WILLIAM C. DENNY
Secretary-Treasurer L. M. AVISE

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American Poultry Publishing Company

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Entered at the post-office, Buffalo, N. Y., as second-
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E. D. Corson, Secretary-Treasurer of the Corson
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E. D. CORSON,

C. B. KOON, Commissioner of Deeds.

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OF ISSUE.



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MALINES

Black and White

My yards contain winners at the Crystal
Palace Show. A large number of im-
ported birds for sale. Write me for prices and my book on this
great utility fowl. It's free for a stamp.

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STRAIN



YOURS
FOR LARGE
WHITE EGGS
AND LOTS OF
THEM (legged)
The Campine Hen

IMPROVED CHAMPION STRAIN

SILVER AND GOLDEN CAMPINES

The living egg machines of large white eggs and the most noted
utility and exhibition strain in the world. Write for my art cat-
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of a Pair of Golden and Silver Campines, also history, description
and CAMPINE Standard, the classiest work attempted on this
wonderful and profitable breed of fowl, up-to-date and it is free
to those truly interested.

J. FRED N. KENNEDY,
Box B, BIRCH CLIFF, ONTARIO, CANADA



PUBLISHERS' DEPARTMENT



In the May issue we gave you a statement of the number of copies of AMERICAN POULTRY WORLD that it was necessary to print during the first six months of the present publishing year, 284,000 copies, an average of 47,333 for each month. The next question is, how many new subscribers will be added before our next birthday which comes in November. Multiply 45,000 copies by two and the result is 90,000. AMERICAN POULTRY WORLD has 45,000 subscribers. If each one of these good friends would introduce it to one friend or acquaintance who is interested in poultry breeding, we should have 90,000 subscribers on our next birthday, and why not? You know how good AMERICAN POULTRY WORLD is, what help and inspiration the articles and illustrations have been to you in your poultry work, we do not have to tell you. But, we are not satisfied and are constantly striving to make it better and keep it the most helpful and interesting poultry publication that comes to you. Right now we are working at plans and features for next season. Later on we shall announce them and we believe you will be both surprised and delighted.

There is no better agency to assist us in increasing our subscription list than our regular subscribers. By telling those who are interested what kind of a poultry paper we are publishing, you can do more to help us, and at the same time help yourself, than the most successful subscription representatives that we can employ. In helping us to increase our circulation, you are at the same time in a measure helping yourself, for the greater number of subscribers, the better paper we can furnish. It means more articles, and more illustrations than ever before. Don't forget the day, November 1st. In the meantime we shall be able to judge by the number of subscriptions that you send in just how well you think of AMERICAN POULTRY WORLD and appreciate our efforts for you.

Our subscription agency department is making excellent

progress. During the past year it has handled thousands of subscription orders for popular magazines as well as poultry papers and live stock publications, and has been the means of saving from 25 per cent. to 50 per cent. for customers. This department makes it easy for you to subscribe, by one order, for all the periodicals you may want. It furnishes all periodicals at the very lowest prices. It guarantees that your orders will be filled promptly, accurately and at the very lowest price. No matter what magazine or book you want, we can fill your order promptly, and usually save money for you. Examples of clubbing offers elsewhere in this issue will give you an idea of what we can do for you, but the better plan would be to have you send us a list of the publications you wish to order and let us send our prices. Please remember that we will equal any special price or clubbing offer made by any responsible subscription agency.

Advertisers using the poultry press are entitled to a share of the credit for the standard that has been reached by the poultry papers of the country. Today poultry publications are the best class periodicals in existence and they are sold at the lowest price. This has been made possible by the liberal patronage of advertisers. We are frank to say that we are naturally proud of A. P. W. advertisers who include many of the best known and foremost breeders and exhibitors of Standard-bred poultry. We believe in their integrity and honesty of purpose and recommend that subscribers who are placing orders for stock, eggs or poultry appliances, place their orders with them. We have every reason to believe that your business will receive prompt and courteous treatment and guarantee that you will be fairly dealt with. (Read guarantee on inside cover page). It is a matter of satisfaction for us to be able to say during the past season that we have not been called upon to reimburse any subscriber because of dishonesty or attempt to defraud on the part of any of our advertisers.

Leghorn Chicks in the Month of June

ARE SURE AND FAST GROWERS AND

Mature Into Prize Winners

Monmouth Poultry Farms are offering Eggs at Half Price from their selected pens of prize winners at Madison Square Garden. We have 5000 Youngsters Growing to maturity which show great promise, from these pens, and we can now afford to give you the benefit of our successful matings. These matings are tested and have proven the quality they will produce, therefore this is your opportunity to share with us the results of our successful matings.

Monmouth Poultry Farms,

J. COURTNEY PUNDERFORD, Owner.

Freneau, Mon. Co., N. J.

ROBT. T. DODDS, Supt.

Tompkins' World Champion SINGLE AND ROSE COMB Rhode Island Reds

Again show their overwhelming superiority as the **World's Leading Strain of Single and Rose Comb Rhode Island Reds.** At the last **Madison Square Garden Show** they were awarded the **Association Special for Best Display of Single Comb Reds.** They also won the **\$50.00 Cup** offered by the Rhode Island Red Club of America for **Best Cock, Hen, Cockerel, Pullet and Pen.** This record at **America's Greatest Show** makes them the

Undisputed Champions Of The World

At the same show held in 1908, they won every first, shape and color special on Rose Comb Rhode Island Reds, record never equalled by any other exhibitor of this variety. At Madison Square Garden, New York, Show of 1910, they won the New York Association specials for best display in both Rose and Single Combs.

One Thing Certain

My winnings at America's Greatest Shows, including Madison Square, Boston and Chicago, have never been approached nor equalled. My birds have met and defeated "the best of birds" owned by the leading breeders from the north, south, east and west. Not only do they win for me, but for my customers also in every state in the Union and foreign countries.

There is hardly any show of importance but that you will find the winners have Tompkins' blood.

You Must Have Tompkins' Strain To Win

My 1911 matings represent the greatest and strongest matings that were ever bred, and from these matings the Blue Ribbon winners of America's Great Shows will be raised. From a setting of eggs from my best matings you can get the same chance that I do in raising the famous winners for next season's show.

First Pen for Six Consecutive Years at Madison Square Garden, New York

EGGS! EGGS! EGGS! EGGS! EGGS!

\$5.00 per setting
2 settings, \$8.00
3 settings, \$10.00

\$10.00 per setting
Straight \$50 per 100

\$20.00 per setting
Champion Matings

\$25.00 per setting
Champion Matings

Grand Champion Mating, the strongest and best mating of Rhode Island Reds in the world, \$50.00 per setting. Send for Mating List. Hundreds of Great Birds for sale.

LESTER TOMPKINS,

Box W,

CONCORD, MASS.

RHODE ISLAND REDS

The Most Complete, Authentic and Attractive Book on this popular Breed Ever Published (80 pages and cover)—Historical, Instructive and Beautifully Illustrated, it tells the History and Origin, How to Select and Mate Birds for the Breeding Pens, as well as How to Judge Them Both by Comparison and Score Card; also Much Useful Information Along Commercial Lines.

D. E. HALE, Editor

Well Known as Breeder, Judge, Lecturer and Writer Who Has Specialized on the Reds for Years.

FULLY ILLUSTRATED BY

A. O. Schilling

F. L. Sewell

I. W. Burgess

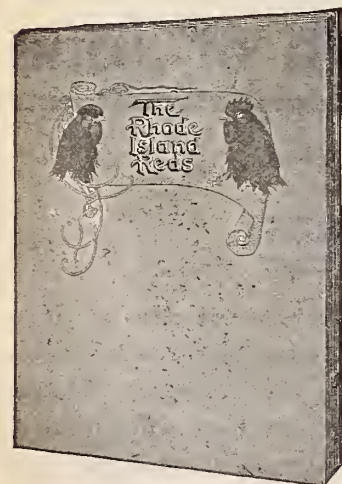
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Proper Mating of Rhode Island Reds,
Judging Rhode Island Reds by Comparison and Score Card.

Rhode Island Reds as a Fanciers Fowl.
Rhode Island Reds as a Utility Fowl.
Some Successful R. I. Red Farms.

CONTRIBUTORS

The contributors to this book are the acknowledged leading breeders and judges of the country. They include such men as Tompkins, Harris, Almy, Buschmann, Sibley, Rich, Miles, Harrison, Kauffmann & Windheim, Burleigh, Crowther, Coulter, Coe, Scott, Carver, Ricksecker, Smith, Hartley, Coffin, Dennis, Clarke, Drevensstedt and Denny.



Color Plate

Made from ideal R. I. Red feathers selected and arranged by Artist Sewell—said to be the best thing of the kind ever published. Text and illustrations are brought down to date to conform to the 1910 edition of the American Standard of Perfection.

75 cents, postpaid. With a years subscription to A. P. W. \$1.00. With three years' subscription, \$1.50. Mailed free for three subscriptions at 50 cents each.

American Poultry Publishing Company,

158 Pearl Street,

Buffalo, N. Y.



Sibley's Rose Comb Rhode Island Reds

(PURE TUTTLE STOCK)

Eggs in lots of 15 at 1-2 price after May 1st. Hens from breeding pens for sale after June 1st. We shall not exhibit in competition at Chicago this year, and will sell a few choice exhibition birds after Sept. 1st.



IRVING A. & FRANK C. SIBLEY,

Box "A",

SOUTH BEND, IND.

BREED'S SINGLE COMB Black Leghorns

Day-Old Chicks

Stock

Eggs for Hatching

INDISPUTABLE EVIDENCE

In our new testimonial sheet, **proves** that our fowls as layers are without a rival. No other breed, no other strain, equals **Breed's Black Leghorns**. May we show you? **Write us.**

We returned hundreds of dollars for orders we could not fill last season, Order now, get our discount for early orders, and be sure of getting deliveries when wanted. Winners at Madison Square Garden, 1910 and 1911. Write us now, and become identified as a breeder of the biggest payers in the Leghorn family.

VALLEY VIEW POULTRY FARM, R. No. 1, Box 59, CINCINNATUS, N. Y.

WHITE ORPINGTONS



Superb Type---Superior Quality

Special Reduction of One-Half
on Eggs After May 10th.

My birds are absolutely white, of that deep bodied type,
low down on legs, up to weight and I
know that I can please you.



At the last and greatest show held at Madison Square Garden, I again control the winning male birds. My winnings include first cock, third hen, fifth pen and the cockerel heading the first pen. The winning cock, is without doubt, the greatest White Orpington in the world, having defeated the Crystal Palace champion and all the great cocks of America. These great birds, together with my other prize winners, places **RUSSELL CAVE WHITE ORPINGTONS** far in the lead. Both at Allentown and Augusta, the only other two shows I have made this year, I won at each the cup to that exhibitor whose ten or more birds of one variety showed the highest degree of excellence and uniformity of type and breeding. This record of winning in two of the most important poultry shows in this country the cup for the ten best birds has never been equaled by any other breeder in America.

GREAT STAMINA AND VIGOR

Are to be found in my birds, not usually found in White Orpingtons. One hundred acres in **RUSSELL CAVE POULTRY YARDS AND OVER SEVEN THOUSAND ACRES IN "ELMENDORF FARM"**. Every bird guaranteed as represented and sold with the privilege of return. Write us today for Catalogue and Mating List which gives full winnings of previous years at Madison Square Garden, Allentown, Kansas City, Baltimore, etc. Old English Sheep-dogs for sale.

Russell Cave Poultry Yards,
Elmendorf Stock Farm,

Lexington, Kentucky
Louis Lee Haggis, Prop.

Sunnybrook Farm,

White and Columbian Wyandottes

West Orange, N. J.

Utility S. C. White Leghorns

MARCH 5, 1912



AMERICAN POULTRY WORLD,
GENTLEMEN:—

Thanks for your letter. Yes, buiness is good and is getting better all the time owing to improved weather conditions. **The New Jersey State Champion White Wyandottes** are doing themselves proud; Eggs from Gold Medal cockerel; 1st cock and 1st Allentown cockerel are showing fine fertility—just as good as the males we did not show. Columbian Pens are settled down and laying splendidly. Leghorn fertility 929 in early February; shipped a big lot of chicks this morning. Let me know the names of all those who want our free mating list.

Box 14

Yours very truly,
SUNNYBROOK FARM,

Charles D. Clement

Prop.

OWEN FARMS

1912 - 1913

What are we going to do from July 1st this year to June 30th of 1913? This is what interests us and I fancy will interest our readers as much as anything we can say. Generally the future is largely based upon past records and if we only predict for our future what our past warrants it would prove marvelous reading.

At New York, Madison Square, last show, we won in White Orpingtons, Buff Orpingtons, White Rocks and White Wyandottes more points in each of these varieties than any three competitors combined. I haven't space to give you the details, but it is enough to say we were the largest winners. In Single Comb Rhode Island Reds we won three firsts, more firsts than all others put together. In Rose Comb Rhode Island Reds we won two firsts, Champion Male and First Pen. In Barred Rocks we won one first, which was as many as any other exhibitor won. In Black Orpingtons, the most coveted first prize, namely, First Black Orpington Cockerel.

Now we have practically all of these winners on our farm (many of which will be sold in the next month or two), and we have over 6000 chicks that are far and away earlier, larger and better than we have ever had before. Surely this year will be our BEST YEAR.

OUR GUARANTEED WINNERS

You know we book the order for show birds now or any show to be held from August on, and we are extraordinarily sure of giving you the birds in all of our varieties that will win. We do for our customers what we do for ourselves and give you a price that is right to insure your getting the right birds and winning. You cannot make your arrangement too early. **WE WILL NOT SHOW AT NEW YORK THIS YEAR.** We have already booked one string for the New York Show and we have seven other varieties for sale for that show. Make your inquiries right away. It will pay you to have OWEN FARMS agree to do their level best for you and you alone in your showing this year.

SPECIAL SALE OF BREEDING STOCK

We have 200 White Orpingtons.
We have 100 Buff Orpingtons.
We have 50 Black Orpingtons.
We have 200 White Rocks.
We have 150 White Wyandottes.
We have 75 Single Comb Rhode Island Reds.
We have 75 Rose Comb Rhode Island Reds.
We have 100 Barred Rocks.

That will be sold right away, including many marvelous birds. You can now get what you want to far better advantage than at any time of the year. These birds are good breeders and can be used right away for that purpose. They will be your finest show birds in the fall and winter shows. We firmly believe in doing business during June, July and August and to do that we have the right birds in numbers, and the right price is made to move them.

EGGS FOR HATCHING

This is the last chance this year to say a word about our wonderful pens. They are nearly all headed by New York winners or sons of our New York winners. They are grand, large, perfect type birds, and we know now what they have done for us in the breeding pens this year. We have a lot of young stock weighing four, five and six pounds each. You ought to have some of these eggs from these pens. Price is cut in half for balance of season: 50c each; \$20.00 for 50 and \$37.50 per 100. Our birds are great layers; five pullet's eggs in one day last week from January hatched chicks.

OUR VARIETIES

White Orpingtons
Buff Orpingtons
Black Orpingtons
White Rocks

White Wyandottes
Single Comb Rhode Island Reds
Rose Comb Rhode Island Reds
Barred Rocks

CATALOGUE SENT FREE

OWEN FARMS, 115 William Street, VINEYARD, HAVEN, MASS.

W. BARRY OWEN, Proprietor.

MAURICE F. DELANO, Manager.

YOUNG'S STRAIN S. C. WHITE LEGHORNS

(I Have No Other Breeds)

My greatest of all victories at Madison Square Garden's last greatest show. I won over nine times as many prizes as my nearest competitor and over five times as many prizes as any other exhibitor of any one breed in the Garden. You must remember that the competition at Madison Square Garden is the keenest in the World.

Winnings were as follows:

Cocks	Cockerels	Hens	Pullets	Pens
1	1	4	1	1
2	2	5	2	2
3	4	6	3	
4	5	7	4	
5	6	8	5	
6	7		7	
7	8		8	
8				

and nearly every special offered. In fact my birds have won in nearly every show from the Atlantic to the Pacific. They are the standard for all the Leghorns of all America and the greatest layers of all domestic fowl. (Remember you cannot win without my strain). Mating List FREE. Address

D. W. YOUNG,

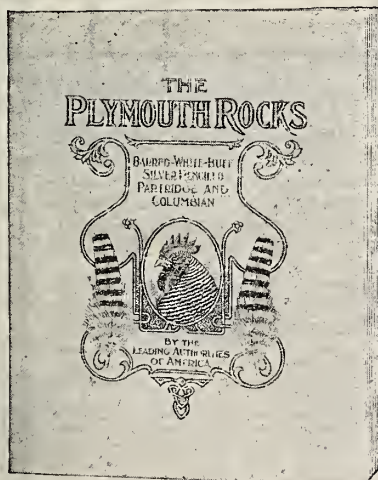
Phone No. 71, MONROE, N. Y.



THE PLYMOUTH ROCKS

BARRED, WHITE, BUFF, SILVER
PENCILED, PARTRIDGE, COLUMBIAN

A Complete and authoritative text book and instructive treatise devoted to the Plymouth Rocks, America's most popular breed of standard fowls. Explains standard requirements, and tells how to select the right breeders and how to mate them for show-room success.



144 Pages, 9 x 12 Inches

Special chapters on Barred, White, Buff, Silver Penciled, Partridge and Columbian Rocks, with articles on Mating, Breeding and Judging by noted Breeders and Judges, including M. S. Gardner, A. C. Smith, E. B. Thompson, Victor Bradley, A. C. Hawkins, C. H. Latham, W. S. Russell, M. F. Delano, F. W. Briggs, C. H. Welles, U. R. Fishel, F. H. Davy, F. Huyler, C. H. Ward, F. L. Platt, W. Theo. Wittman, W. F. Fotherall, S. A. Nofztger, Lyman H. Hill, and J. W. Parks. Sketches by A. O. Schilling, that bring out every point of the Plymouth Rock in detail.

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AMERICAN POULTRY PUBLISHING CO.,

BUFFALO, N. Y.

Edited by WM. C. DENNY

Breeder and Judge of national experience, and Chairman of Sub-Committee on Plymouth Rocks of General Committee on Standard Revision for 1910.

(Published jointly by the Reliable Poultry Journal Pub. Co., Quincy, Ill., and American Poultry Pub. Co., Buffalo, N. Y.)

Profusely and expertly illustrated by Franklane L. Sewell, A. O. Schilling and I. W. Burgess. Half-tone plates of feathers taken from living models, selected by our artists at leading Poultry Exhibitions in the United States and Canada.

Three-color plate reproduction of oil paintings of noted prize-winning Barred, White and Buff Plymouth Rocks by Artist Sewell

TEXT AND ILLUSTRATIONS ARE BASED ON THE LATEST STANDARD OF PERFECTION

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By Franklane L. Sewell

Rare illustrations showing changes in Color from the "Old Hawk Color" to present-day "Zebra Barring."

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Articles on judging and preparing for the Showroom, by D. E. Hale, I. K. Felch, and P. H. Scudder

PLYMOUTH ROCK COLOR

By F. W. Proctor, E. Brookfield, Mass.

1910 STANDARD CHANGES

By William C. Denny

Discussion of the Standard for 1910-1915, including changes made and why they were made; how they will affect the breeding problem.

NON-STANDARD VARIETIES OF PLYMOUTH ROCKS

By J. H. Drevenstedt

BABY CHICKS OF QUALITY



"BABY CHICKS OF VITALITY"

That will live and mature quickly are what you will get if you order
Baby Chicks from our

Genuine Fishel Strain White Plymouth Rocks

Our yarded pens contain choice exhibition breeders, including our winners at Indianapolis, Feb. 5th-9th, 1912.

Eggs from exhibition matings.

Eggs from utility flocks.

Baby chicks from best eggs.

Baby chicks from utility eggs.

\$12.00 per 50; \$20.00 per 100.

We have hundreds of large white utility breeders in perfect health and vigor that will produce some splendid chicks.

\$8.00 per 15.

\$3.00 per 15. \$10.00 per 100.

\$1.00 each.

\$4.00 per 12. \$6.50 per 25.

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Bright Green Alfalfa Meal, any Quantity. Send Six Cents for Catalog.

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LYNDON, Ross County, OHIO

AMERICAN Poultry and Rabbit FENCE

NEW and scientific methods of handling poultry stop the enormous losses due to the old ways. To place the business on a good-paying basis, system is necessary. First, good wire fence is indispensable. Its strength keeps out prowling animals. Close mesh keeps in smallest fowls. Man or beast can't break it down. Neat appearance, long life and economy recommend it to every poultry raiser.

*American Steel
Fence Post Cheaper
than Wood and
More Durable.
Get Catalog.*

NEW AMERICAN POULTRY AND RABBIT FENCE is without doubt the best on the market. Stays 6 inches apart. Very close spacing at bottom, where needed to stop the smallest chicks, gradually widening at the top. Heights, 21 bars, 58 in.; 20 bars, 53 in.; 19 bars, 48 in.

Adequate for all requirements in fencing against poultry large and small.

Dealers in Every Place

where farm supplies are sold. Shipped to them direct from mills in carload lots, thus saving freight charges and enabling dealers to sell at lowest prices, giving buyer the benefit.

Send for copy of "American Fence News" also book "How to Make the Farm Pay," profusely illustrated, devoted to the interests of farmers and showing how fence may be employed to enhance the earning power of a farm. Furnished free upon application.

F. Banckes, Vice Pres. & Gen. Sales Agt., AMERICAN STEEL & WIRE COMPANY, Chicago, 12 West Adams St., New York, 80 Church St., Denver; U. S. Steel Products Co. San Francisco, Los Angeles, Portland, Seattle.

Poultry Profits Doubled



LET US TELL YOU HOW

It is a well-known fact to poultrymen that ordinary dressed poultry brings 10c. to 15c. per pound on the market. Capons readily sell for 20c. to 30c. per pound, and often higher. The same time, the same care, and the same feed required to raise ordinary poultry will raise Capons—but you get double the price. Capons are just as easy to raise as ordinary poultry. Capons make quick meat, tender meat and much of it; often-times makes the highest priced meat on the market.

The demand for Capons is rapidly increasing and will continue to increase. There is positively no reason why the demand should decrease.

"PHILADELPHIA CAPONS"

are now on the bills of fare in about all of the finest hotels, restaurants, and cafés in the United States and Canada, and the price is always high.

Caponize your surplus cockerels and you will surely double your poultry profits.

Caponizing is not difficult and perfection comes with little practice. Many poultrymen make money caponizing for their neighbors.

PILLING CAPON TOOLS

A "PILLING" CAPON SET with "Easy-to-Use" directions will be sent pre-paid on receipt of \$2.50. Satisfaction guaranteed. Send to-day for our free book, "Capons and Caponizing."

GEO. P. PILLING & SON CO., 23rd & Arch Sts., PHILADELPHIA, PA.

I bring
only 15¢ Per
lb.



Pittsfield
Barred Rock
Day-Old
Chicks

at
Practically
Half-Price

from
June 30th
to
September 1st
1912

 **Poultrymen, Look!**

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But We Must Urge Quick Action

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LIVING CHICKS

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PRIVATE INCUBATION

Our last month's advertisement has brought out a flood of letters and orders confirming the absolute truth of our contention that private incubation is generally a failure.

The cause of failure however by no means obvious to the aspirant to Poultry Farming, who, apparently assumes that the purchase of an incubator insures success, whereas everyone who has had the misfortune to attempt private incubation knows the contrary to his cost.

The successful hatching of eggs is by no means an easy matter within the understanding of any beginner, but, it is simplicity itself compared with the intricacies of breeding, mating, selection of perfect eggs, freedom from chilling, and last, freedom from the shocks incidental to transit at a period when the entire future of the unborn chick hangs in the balance.

Many correspondents write that after spending from \$60.00 to \$70.00 the net result is less than 5 per cent of living chicks, and that these are mostly deformed, and all weakly. No wonder then that the world is full of doubting Toms, which no argument can convince that poultry is not anything but a delusion and a snare.

The most interesting feature of our correspondence and of our orders, is the character of the orders, which, strange to say, come in chunks instead of driblets, showing plainly that the Toms are little people, while the successful ones are those, who, having learned their lesson, are profiting by it by letting the shoemaker make the shoes, in other words,

Let Every Man Stick To His Trade.

If you want to succeed at Poultry Farming, write us.

THE BROOKSIDE FARMS,

Box B,

Great Barrington, Mass.



BANTAMS
OF
BELGIUM



TOP AND BOTTOM
ROW
"BARBUS NAINS
d'UGGLE"
CENTER ROW
"BARBUS NAINS
d'ANVERS"



A beautiful sight for the fancier and those who admire fine feathers in poultry can be seen at the yards of Michael Van Gelder, Chateau Zucrabbe, Uccle, situated near Brussels, Belgium. The group of Bantams above represent some of the most noteworthy breeds and varieties that we found during our visit at the time these studies were made. It is difficult to realize and appreciate the pleasing color effects produced in some of these varieties, especially the bearded and booted Blue Porcelain shown in the lower right hand picture. Above them in upper right hand corner is a cock and hen of the Mille Fleur variety of the same breed, these we consider among the most beautiful colored fowls we have ever seen. The upper left hand corner pictures a grand pair of White Bearded Booted with the beards developed most wonderfully. A handsome fanciers achievement in breeding colors and markings. The pair of "Cailloute" colored or black and white spangled, is shown in the lower left hand pair of pictures. In the center row are five males known as Barbus D'Anvers, Antwerp Bearded Bantams, having rose combs, beards and clean legs. Following is the list of names as they are known in Belgium; reading from left to right, Cailles or quail colored, solid black, solid white, Coucou and Mille Fleur, the latter having the same feather marking as the single comb booted and bearded variety known as Barbus Uccle.—A. O. Schilling.

A. O. Schilling
1912

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BELGIAN VARIETIES OF ORNAMENTAL BANTAMS

UCCLE BEARDED BANTAMS THE MOST POPULAR. THE MILLE FLEURS AND PORCELAIN VARIETIES BEING REMARKABLE IN THEIR RARE COMBINATIONS OF COLOR MARKINGS. THE BEARDED BANTAM OF ANVERS CLAIMED TO BE THE OLDEST VARIETY IN BELGIUM. CAILLES, NAMED AFTER THE WILD BIRD QUAIL, DISTINCT IN COLOR TYPE, UNLIKE MOST BREEDS KNOWN TO AMERICAN FANCIERS. THE BARBUS D' UCCLE BELIEVED TO HAVE BEEN IMPORTED FROM BANTAM, A CITY OF INDIA. BEAUTIFUL BANTAM YARDS OF THE NOTED BELGIAN BREEDER, N. VAN GELDER, DESCRIBED

BY A. O. SCHILLING

EDITOR'S NOTE:—The article following is the most authentic description of the famous races of Bantams bred in Belgium ever printed in an American poultry journal. Mr. Schilling was fortunate in spending several weeks in Belgium last summer, and meeting the most noted Bantam breeders during his stay there. This gave him an excellent opportunity to study the beautiful feathered creations of the Belgian fanciers, so that the descriptive and illustrative matter of this article can be accepted as authoritative.



THAT the Belgian breeder and fancier may be considered in the front ranks as producer of high class live stock and poultry seems to be a foregone conclusion when one considers the fame of the grand Belgian draft horse and the useful market fowl, the Maline, also that wonderful egg producer the Campine, which seems to have secured a strong hold on the fancy in America in recent years. What the Bel-

gian breeder sets out to produce, he seems to do most thoroughly. In the Maline fowl the object was to produce an ideal table fowl. The Brackel and Campine, practically the same race of chickens, was intended to fill the egg supply, and the Barbus Nains, (Bearded Bantams), the subject of this article, was intended to satisfy the fanciers' desire, and the admirers of beautiful form and color in fancy poultry. The varied form and breed characteristics in the different varieties of these jaunty little aristocrats of the poultry yard, gives plenty of choice to satisfy all tastes and fancies in form and color. These may be divided into four separate breeds or sub varieties. The Barbus d' Uccle, Uccle Bearded Bantams, having heavy beards and booting with single combs. The above breed is also produced tailless and are named Barbus d' Everberg. The remaining two breeds known as Barbus D' Anvers, (Antwerp Bearded Bantams, and Barbus d' Grubbe, Grubbe Bearded Bantams, have just the reverse breed characteristics from the Uccle Bearded Bantams, previously mentioned, in that they possess rose comb and clean legs instead of single combs and heavy leg and toe feathering.

UCCLE BEARDED BANTAMS

The only difference between the two varieties of Antwerp

Bantams is that the Barbus d' Grubbe is tailless while the Barbus d' Anvers, has a well spread tail carried rather upright. Of the Uccle Bearded Bantams we found the following six varieties most popular: The "Mille Fleurs", which signifies hundred flowers, has a ground color of rich deep buff, each feather having at its end a spangle of black bordered at extreme end of feather with a crescent of white. The combined harmony of color here, presents a most beautiful effect and a flock of these together make a dazzling and striking picture.

PORCELAIN VARIETY THE MOST DELICATELY COLORED ONE

The Porcelain colored variety we consider the most delicate color pattern in all poultrydom and are in reality a master piece in the production of breeding fancy poultry. They have a light buff ground color, approaching a slight tinge of blue grey. Here each feather also has a spangle of darker delicate blue, and is bordered at extreme end of feather with a crescent of white. The color pattern of feather is similar to that of the Mille Fleurs previously described.

The Black Spangled variety is also a very attractive one, called "Cailloute" of which the ground color is black, each feather having at its end a crescent of white. In this variety I found several specimens which were by far the most regularly spangled specimens I had ever seen anywhere of any breed. The remaining three varieties are the Coucou colored, Whites and Blacks.

BEARDED BANTAMS OF ANVERS THE OLDEST VARIETY

The Barbus D' Anvers, rose combed, clean legged breed, are of a very ancient Belgian origin. They are very sprightly in action and upright in station, carrying their wings dropped



"THE MIKADO"
PHOENIX COCK BRED AND OWNED BY
GEO. URBAN JR. PINE RIDGE BUFFALO N.Y.

In the above illustration, the artist has succeeded admirably in portraying the characteristic type of that most unique Japanese breed, the Yokohama or Phoenix fowl. The singular and striking feature of the males is the great length of their sickle feathers, specimens of which have been preserved in Japan that reached the length of seventeen feet. The Yokohama cock is a gay looking bird, carrying his long tail with much grace.—J. H. Drevenstedt.

rather low with tails well spread and upright, having well developed beards and whiskers, they possess a rather (owl-like) expression, like the well known Belgian pet-dog "Griffon Bruxellois," they personify the Belgian character, in showing a combative spirit. They are proud, robust and arrogantly comical.

The following varieties are the most popular and extensively bred: Blacks, Coucou, Whites, Mille Fleurs, (Cailloutes viz., Black and White Spangled) Cailles, Blues, Fauves and Blue Porcelains.

CAILLOUTES OR QUAIL BANTAMS

The Mille Fleurs and Cailloutes are colored similar to the same varieties described in the booted Uccle. The Porcelains are less extensively bred, while their color type is also similar to that of the Booted Uccle. The Cailles, so called after the well known wild bird "Quail" is worthy of special mention, being another distinctive color type in that they are unlike most breeds known to the American fancy today. In the male the neck, saddle and tail have a dark chocolate color approaching black with a breast of a rich warm buff color. The wing-bar is of darker, richer bay, while the wing-covert a light bay shade. In the neck and saddle which is mainly black or dark brown the light bay shade of under-color also is to be seen. The female is very much like a dark Dorking in color except having a richer clearer colored breast and only a single light bay shaft showing in each feather of the body, which is mainly dark brown. The "Blues" are marked similar to our Blue Andalusians, each feather distinctly laced with black. In the "Fauve" Buff variety, the cock has a red back and saddle and generally considerable black is found in tail of the male as well as neck of the female which is to be discouraged. The aim is to produce a rich golden shade of buff throughout.

ORIGIN OF THE BARBUS D' UCCLE

The Barbus d' Uccle, previous to the organization of the "Club Avicole du Barbus Nain," in the year 1904, were generally called Barbus Patters, (Bearded Booted), but as the fancy had grown and few varieties had been originated, under the guidance of Belgium's most expert breeders, the club decided to give them a distinctive name and christened them Barbus d' Uccle, Bearded Uccle after the name of the suburban town of Brussels, Uccle, principal seat of the club, and home of its worthy president, Michael Van Gelder. The Barbus d' Uccle are a very ancient race and were probably imported directly into the Netherlands from the India city, Bantam. We were informed by Mr. M. Van Gelder that they had always existed around the castles of Belgium, and farms of the country, according to the best authorities available, but no definite information is to be had to prove exactly when and from where they came originally. The Barbus d' Uccle is a bearded variety of the Dutch Sabelfoot, meaning Dutch sword footed, the name indicating longsword shaped foot feathering.

The latter have been bred extensively in Holland and Germany, but their standards discouraged the development of the beard and whiskers. According to the very early breed characteristics, the growth of beard was a dominant and inherited trait of the race and continually cropped out, until the Belgians took it up and bred it up to its true standard and high state of excellence, forming new varieties and color types.

BEAUTIFUL BANTAM YARDS OF M. VAN GELDER

During our visit in Belgium where we were afforded the opportunity to study these birds in their home environments it was our pleasure to spend several days at the yards of the President of the Bantam Club, M. Van Gelder, where we found one of the most beautiful and artistic Bantam yards we had ever seen. The grounds were upon the crest of a gradually rising hill which afforded excellent drainage. Beautiful lawns winding gravel roads and flower beds led up to the bantam houses, which were laid out in a semi-circular form, the center of which was a grand array of flowers and shrubbery. All houses were open front, but so arranged that the sleeping compartments were protected from direct wind or draft. All runs came towards the center while the houses being of the continuous sectional type, formed the semi-circle as a back ground. Runs were all covered with rustic pine wood over regular substantial frames, giving the whole a very artistic and rustic appearance. A good portion of the runs were covered with a growth of woodbine, which affords shade in hot weather. The feed house and conditioning room was just simply perfect and we could not help being impressed with the extreme cleanliness of the entire plant. These bantams are not raised for profit and none are offered for sale. Breeding has been carried on under the most careful supervision and instruction of one of the keenest and truest fanciers it has ever been my pleasure to meet.

It is for the love of his pets and his hobby that M. Van Gelder has devoted many years and spent much money in perfecting these bantams of Belgium. We are pleased to state that America, while not really wanting in true fanciers and painstaking breeders in the bantam fancy, has been making considerable progress under the guidance of the American Standard of Perfection and the co-operation of the National Bantam Association of our various popular breeds known in this country today. We do, however, feel that more such ardent admirers and thorough breeders as I found in Belgium could be aroused to carry on the breeding of these beautiful midgets of the poultry yard here in America as they are in Belgium.



The pleasure and recreation derived from raising a few Bantams can hardly be explained by the use of pen or pictures. One must actually be the owner of a small flock of prize Bantams and become deeply interested in improving their quality and raising them to maturity, before the full benefit can be realized. Show Bantams always find a ready sale, therefore the expense of their keep is practically done away with and many fanciers derive a handsome margin of profit as the result, besides gaining many hours of pleasure and healthy recreation as a diversion from the regular routine toil and daily duties of the average business man, living in the city. Permitting the child to own a few Bantams often affords the means of directing his or her mind along a healthy development by giving them something to enjoy, as well as study, with the added responsibility of their feed and care. Many of our most successful poultrymen can trace their first experience and knowledge along poultry lines, to the keeping of a few Bantams in their youth, which sowed the seed of the chicken fever and laid the foundation stones of their life's career. Bantams were my first hobby and will without doubt be my last.—A. O. Schilling.

PRODUCING NEW VARIETIES OF POULTRY

DEEP THOUGHT NECESSARY ON THE PART OF THE EXPERIMENTOR IN SELECTING COLOR AND TYPE MODELS FOR THE PRODUCTION OF NEW VARIETIES OF STANDARD BREEDS. TWO AND OFTEN MORE VARIETIES NECESSARY TO PRODUCE A NEW SELF OR PARTI-COLORED FOWL. HOW BUFF LEGHORNS AND BUFF WYANDOTTES WERE MADE. INDIAN GAME-SILVER WYANDOTTE CROSS PRODUCED GOLDEN WYANDOTTES. ORIGIN OF BLUE-LACED WYANDOTTES

BY GEORGE H. BRACKENBURY

[EDITOR'S NOTE:—The article printed below is a valuable and interesting contribution to poultry literature, as it demonstrates clearly the methods employed by Mr. Brackenbury in producing new varieties of poultry. As the originator of Silver Penciled and Buff Laced Wyandottes, Violettes and of strains of Partridge and Buff varieties, George H. Brackenbury deserves the appreciation and thanks admirers of Standard bred fowl gladly extend him for his efforts in producing new and beautiful varieties of poultry.]



O the experimenter who seeks to produce a new variety of fowls, it becomes the subject of deepest thought from the moment it first enters his mind until the result sought has been obtained.

In the production of new varieties of fowls, it is obviously necessary to select the color and type desired in the new variety. In other words we decide in our mind what the color and type shall be and the ideal picture of the bird we are trying to produce remains firmly seated in our mind.

TWO OR MORE VARIETIES NECESSARY TO PRODUCE A NEW ONE

If the new fowl is to be of one color, two varieties will answer the purpose, but sometimes not. If a parti-colored variety is to be made, it is essential to use more than two varieties or breeds of fowls, the object being to secure greater strength in color and markings desired. If but two varieties are used, the result of combining the blood of two breeds would prove unsatisfactory. The characteristics of each breed used in the union, being of equal strength, it would require a longer period of time to produce our mind's ideal. In using three varieties or breeds, however, our matings can be so made that they will bring to us more strength in the type and color desired.

HOW BUFF LEGHORNS ARE MADE

To illustrate we will assume that a Buff Leghorn is to be produced. The blood of the White Leghorn, Brown Leghorn and Buff Cochin can be used. A combination of White Leghorn and Brown Leghorn blood would produce if mated (Brown Leghorn male with White females), some pullets with brown or yellowish brown outer color, white in the under-color, wings and tail. If the combination be made the opposite way (White Leghorn male and Brown females) some of the results would show more color in the males than in the pullets. In this combination of blood we have weakened the color but still retain the Leghorn type.

In the next season's matings I would bring in the buff color from the Buff

Cochin using undersized specimens, having the color most suitable for the purpose—using both male and female of the Cochin breed and mating them both ways with the Leghorns of mixed blood. Select best specimens from the result of each year's matings, and breed on until the stronger blood and color of the Buff Cochin has become fixed and the shape and other characteristics of the Leghorn can be strengthened by using those specimens nearest to the Leghorn type in each year's matings.

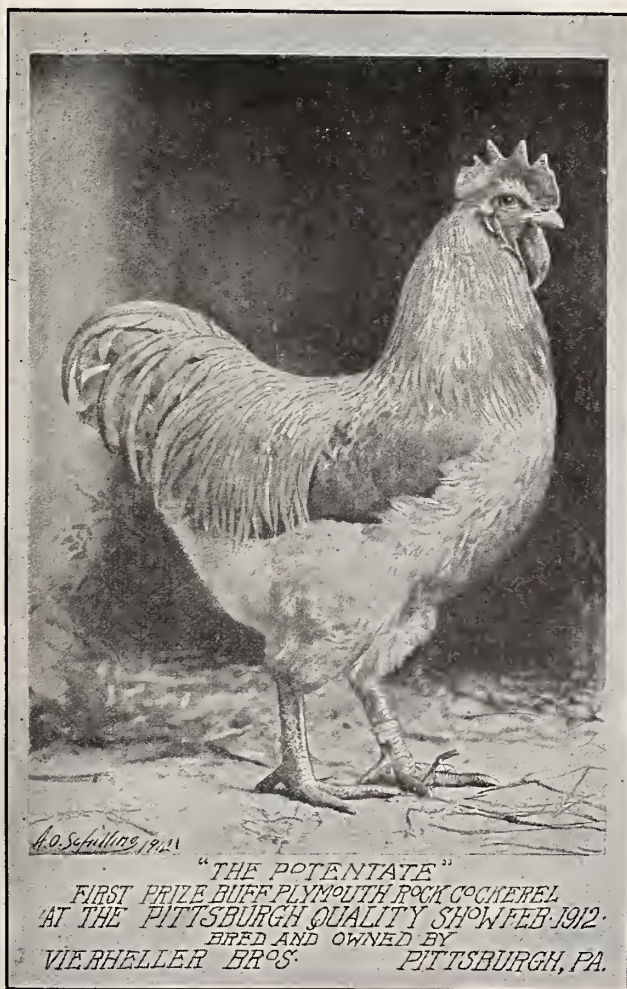
In matings or combinations of large and small breeds of fowls the second and third seasons' breeding will bring many specimens quite close to the Leghorn type—and if the large breed has been a Buff breed the second and third seasons' matings will bring more evenness in color.

BUFF WYANDOTTES THE RESULT OF WHITE AND GOLDEN WYANDOTTE AND BUFF COCHIN CROSSES

There are strains of Buff Wyandottes that owe their origin to matings made along similar lines to those above mentioned—using White Wyandottes and Golden Wyandottes and Buff Cochin blood, using first a mating of Golden and White Wyandottes. The results were bred to Buff Cochins, making the matings both ways (Cochin males to Wyandotte females and Wyandotte males to Cochin females). Also a light colored Golden Wyandotte male was mated to a Buff Cochin female with but few feathers on either legs or feet, from this mating was selected specimens of good color and shape with but very small feathers that barely came to the surface of the legs. The following season these latter birds were mated—using both males and female—to the best selected specimens—from the combination of White and Golden Wyandotte and Buff Cochin blood. The result of this mating being very satisfactory and each season brought greater uniformity of color and type until the strain became quite near to an ideal Buff Wyandotte. This strain of Buff Wyandottes at that time contained in its make-up, one-half Buff Cochin blood, one-eighth White Wyandotte and three-eighths Golden Wyandotte blood.

Another experimental mating that recurs to mind was made by a well known Wyandotte breeder located somewhere in New York

(Continued on page 799)



The Buff Plymouth Rock cockerel illustrated above is a most shapely young male, showing very good Rock type, the body lines being strong, indicating plenty of stamina. In color this cockerel is rich and even on surface and sound in under color and in flight and tail feathers.—J. H. Drevenstedt.

OLD AND RARE BREEDS OF DUCKS

THE GREAT COMMERCIAL VALUE OF THE PEKIN AS A MARKET DUCK AND THE INDIAN RUNNERS SUPERIORITY AS LAYERS OF WHITE EGGS RESPONSIBLE FOR THE DECLINE IN POPULARITY OF THE OLDER BREEDS OF DUCKS IN THIS COUNTRY. ROUEN AND AYLESBURY DUCKS STILL POPULAR FOR EXHIBITION AND MARKET ABROAD. MUSCOVY AND CAYUGA DUCKS RARELY EXHIBITED. GROWING POPULARITY OF THE DOMESTICATED MALLARD OR WILD DUCK FOR THE MARKET. BREEDING MALLARD DUCKS FOR PROFIT

BY J. H. DREVENSTEDT



THE advent of the Pekin Duck in 1873 revolutionized the commercial duck industry of the United States by eliminating the common puddle ducks from the farms and leading to the establishing of the large duck plants in all parts of this country. James Rankin, South Easton, Mass., was the pioneer in the Pekin Duck industry, being the first breeder to import Pekins from Japan and establish a strain that became famous all over America. Many thousands of Pekin Ducks are now hatched on and marketed from hundreds of large commercial plants annually as the demand for "green ducks" by hotels, restaurants and private families is practically unlimited.

No other duck equals the Pekin for market. It can be bred and it lays well where other breeds fail and that is the secret of its wonderful popularity. The Indian Runner, an old breed that has recently been rejuvenated in Australia, England and America, is bred chiefly for the production of eggs, and to judge by the records made by Indian Runner Ducks at Australia laying competition and on some English and American Duck farms, they excel all other breeds of ducks and poultry as prolific layers, and will no doubt be as duly distributed and bred in the future.

To the rapid growth in popularity of the Pekin and Indian Runner Ducks, the gradual decline in public favor of the older and less known breeds must be attributed. In duck farming, utility is the first consideration, so that the fine plumage and other good qualities possessed by the old favorites are lost sight of. But there is a steady and growing demand for the more ornamental breeds of ducks, from owners of country homes, who are poultry fanciers, rather than "duck growers." To such suburbanites, the Rouen, Cayuga, Mallard and Muscovy Ducks will be found more attractive and desirable and of these old and rare varieties that we take pleasure in describing and illustrating in this article, especially the Rouens and Muscovies, two breeds we were very fond of twenty-five years ago, when we owned several flocks, that we found to be quite profitable.

CAYUGA DUCKS

Cayuga Ducks are of American origin, taking their name from Cayuga County, New York State, in which vicinity

they were first domesticated. They are black in color of plumage, legs, feet and beak, although the flight feathers are dark brown, and the legs are more apt to be dark slate than black, the eyes are brown. The drake has a greenish sheen on the surface plumage, but the duck is more often a dull black.

The Standard weights of Cayugas are: adult drake, 8 lbs; young drake, 7 lbs; adult duck, 7 lbs; young duck, 6 lbs. Very few Cayugas are seen at our shows today and it is only a question of time before they become extinct, owing to the fact that black plumaged water-fowl are not desirable for market purposes. Yet the Cayuga is a good layer and a most excellent duck for the table, as the meat is abundant, well distributed and of fine texture and flavor.

ROUEN DUCKS

The statement frequently made in the past by writers on poultry subjects, that the Rouen is identical with the Mallard Duck, is evidently accepted by poultry scribes of today. But excepting the similarity in the color of the plumage of the Mallard and the Rouen males and females, the two breeds differ greatly in all other respects. The Mallard is a wild duck of fair size, that needs to be pinioned to be kept in captivity, while the Rouen is a domesticated duck attaining mammoth size, that would have to be provided with aeroplanes in order to fly away. That the name Rouen is no doubt a misnomer, most students of



Colored Muscovy Duck and Ducklings.

proper poultry classification will admit. That the Mallard was the original source, which supplied the color markings of the Rouen will also be admitted, but the great size and rich color markings of the modern Rouen Ducks, especially the exquisite pencillings of the female, are the result of the art of the poultry fancier. The Rouen, like the Mallard drake, changes his beautiful plumage and assumes the less brilliant garb of the female during the summer.

The Rouen Duck, as its name suggests, came originally from the City of Rouen, France, but the French poultry raisers breed for market qualities principally and no doubt the possession of these in a rare degree by the domesticated or hybridized Mallards, gave them a local reputation, which resulted in the name of the locality being applied to the ducks raised there. Visitors to the markets of the old



MALLARD DUCKS

The above illustrations are reproduced from the book "Breeding Mallard Ducks For Profit", issued 1912, by the New York State Conservation Department. The picture in the center shows the Mallard drake and duck; the one on the left, the nest with eggs, and the one on the right the duck on the nest.

French city, twenty-five years ago reported that large numbers of ducks closely resembling the Rouen could be found on sale there.

SIZE AND WEIGHT

But the large and beautifully marked exhibition Rouen Ducks of today are bred in England, and to the skill of the English poultry fanciers they owe their present wonderful development in size and color. The Mallard with a length from tip of bill to end of tail, of two feet, will weigh three lbs., while the Rouen with but little more length of body will tip the scales at eight to ten pounds.



Aylesbury Drake and Duck.

At one of the early Birmingham Shows held in England, two ducks and one drake weighed thirty-two and a quarter pounds, but these specimens were forced to attain their weights by liberal feeding with milk and grain. At other shows, Rouen Ducks have been exhibited that weighed a little over twenty-two pounds to the pair, but these are forced weights induced by special feeding. The drake usually weighs a pound more than the duck, so that a twelve pound drake is about the weight limit reached in exhibition males. But the Rouens bred in the United States will fall considerably below the weights, eight pounds for the drake and seven for the duck being about the average weights attained by matured specimens, although some exceptionally large and heavy Rouens have been exhibited at the Madison Square Garden show in past years, but they were either imported or bred from imported specimens. We bred Rouen Ducks from 1884 to 1888, but raised only a few males that would exceed ten pounds in weight when in condition. Excessively large Rouens are not desirable as breeders and we might add, as exhibition specimens; they show too much keel, which does not add to the appearance of the dressed carcass when exposed for sale in the markets. The Standard weights are: Adult drake, nine lbs.; young drake, eight lbs.; adult duck, eight lbs.; young duck, 7 lbs. The English Standard weights are one pound heavier for the adult drake and adult duck. Personally we believe the American Standard weights are nearer correct and better for the breed than those favored by English poultry fanciers. We like a large, well proportioned Rouen, but we prefer one that can navigate without using its soft, keel-like appendage as a floor or ground sweeper when waddling on terra firma.

SELECTION OF BREEDING STOCK

For breeding purposes, drakes weighing seven pounds and ducks six pounds are preferred to heavier ones, in fact, we would rather have them go below than above weight, provided they have a frame of good size that carries no excess baggage in the shape of fat on the body. The size of the eggs laid has nothing to do with the size of the bird, as the smaller ducks often lay the larger eggs. Rouen ducks lay eggs varying in color from pale green to white or cream. They are not rated as being prolific layers, when compared with the Pekin and Indian Runners, but when bred on farms where they can have access to streams or ponds they will be found profitable, as their eggs usually hatch well and the mother and her ducklings will pick the greater part of their living waddling over the fields and along the streams until cold weather sets in, when the fattening process begins. Although slow growers at first, they will take on flesh rapidly once they are entirely feathered out in the fall. This makes Rouen Ducks particularly desirable as a roasting duck around Thanksgiving

and Christmas time. John Brett, who several years ago bred many good Rouens on Fisher's Island, N. Y., and later in New Jersey, was an English poultry fancier with a fine Anglo-Saxon appetite, once remarked to us: "When I want duck to eat, I don't want a shell, but enough meat to go round for the family, and the Rouen is the only duck that will do it."

SHAPE AND COLOR OF EXHIBITION ROUENS

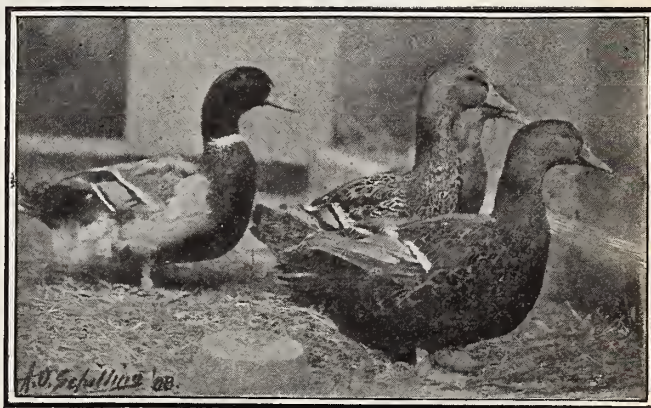
The illustration of the Rouen ducks on this page shows the type of the modern exhibition Rouen ducks as found in first class specimens less than one year old. In adult specimens the breast and body are deeper and fuller and the back more arched, as will be seen by looking at illustrations in the American Standard of Perfection, which are excellent models in type. The duck is very similar to the drake in shape, the only noticeable difference being in the size.

Rouen Ducks are massive in appearance, the bodies being wide and long; the back broad and long; the breast broad and deep; wings long and large; legs medium in length, large boned, well set, so as to balance the body in a straight line; neck long and tapering, slightly curved, but not arched; head, very massive; bill long, wide and flat, well set on in a straight line from the top of the eye.

In color the Rouen Duck is the handsomest and most ornamental of all domesticated water fowl, excelling even the wild Mallard, whose beautiful plumage they inherited.

The drake is especially brilliant in color. The bill is bright greenish yellow with black bean at the tip. The head and neck feathers of the male are rich iridescent green to within an inch of the shoulders where the ring appears. The ring should be perfectly white and cleanly cut, dividing the neck and breast colors, but not the back. The color of the breast, a rich reddish-brown or claret, not running into the body color and free from white or grey penciling. The flanks or sides of the body color are bluish-grey, finely penciled with black, having the effect of chain armor, growing lighter near the vent, finishing in an indistinct curved line (free from white) followed by greenish black feathers up to the tail coverts, the latter being brownish black with two or three greenish black curled feathers in the center. The back and rump are covered with rich greenish-black feathers. The wings are greenish-brown, the flights being slaty-black, the wing-bar is the striking feature, forming the most beautiful combination of color contrast found in the feathered race. The bar is a broad, iridescent, purplish-blue band set between two regular white bands, the blue band being flanked on either side with a narrow bar of black.

The Rouen female, while not as varied in color as the



Rouen Drake and Ducks.

drake, is none the less beautiful in her more modest garb. The body color is a rich brown, varying in shade from golden to chestnut, the feathers being distinctly penciled with a rich black or very dark brown from throat and breast to the sides and stern of the body, the black penciling on the rump having a rich greenish sheen. The wing-bow is of the same brilliant color as the drakes. The wing-bow feathers and ends of secondaries being beautifully penciled. The head is dark brown with a lighter stripe on either side extending from the base of the beak over

(Continued on page 829)

CARING FOR YOUNG CHICKS

ERRORS IN LOCATING AND CONSTRUCTING COLONY HOUSES POINTED OUT. PLOWED GARDEN AN IDEAL RANGE FOR LITTLE CHICKENS. GUARDING AGAINST HAWKS, CATS AND RATS. SHELTER AGAINST STORMS AND RAIN IMPORTANT. FREEDOM FROM LICE AND NITS OBTAINED BY SYSTEMATIC USE OF LOUSE POWDER AND OINTMENTS. INCUBATORS USED FOR HATCHING AND HENS FOR BROODING CHICKS

BY GEO. A. COSGROVE



RECENTLY visited a poultry plant where 300 chicks were in a row of small houses with a hen to each twenty chicks. There was a little covered run to each of the fifteen houses; these faced the south and they were on grass and had detachable floors, but made wrongly; the floors were nailed to a cleat at each end, and the house set down between these two cleats. A rain from east or west striking the side of the house would run down between the cleat and the side and wet the litter on the floor. If the floor had been made shorter, so the house would set down outside of the floor, the rain would be kept out and the floor remain dry. The important part of this is that the droppings inside give off a terribly unhealthy stench when wet; they might be two inches deep and do no harm if perfectly dry.

BAD LOCATION AND FAULTY CONSTRUCTION OF POULTRY HOUSES

Error No. 1:—Facing the coops to the south is wrong. Mine face squarely to the east, the sun rises far to the north of east now and my chicks have the sunshine six hours before it shines into his houses, and they have it in the early morning when the warmth is needed. At eleven o'clock the air is warm enough without the sunshine, and while my hens in the houses are beginning to be shaded from the heat, his are in the full glare of the sun.

Error No. 2:—The houses were on grass land. The grass

in three days is trampled down and soiled with the droppings, so that it is of no use as green feed at all. There is no place for the hen to wallow, no chance to dig worms. Of course, the coops can be moved to fresh grass; that is easy with two or three coops, not very easy to move fifteen houses every three or four days. I consider putting the coops on grass a mistake.

AN IDEAL RANGE FOR CHICKENS

I ran an inch mesh wire netting two feet high across my garden, fencing that part off for the chicks, so that my strawberries, radishes, lettuce, onions, peas, etc. my early stuff, would be safe. I had the garden ploughed first, then I sowed wheat, barley and oats on the ground and covered them with the cultivator. I have twenty-six little A coops in two rows in the garden; every morning when I feed the chicks, I take a spading fork and dig up part of the ground, turning up the sprouted grain and lots of worms; I spend about ten minutes digging and its ten minutes of sheer fun to watch the pulling and hauling, the racing and chasing of those chicks. Immediately, when I step in the garden, I am surrounded with chicks—for they all run loose, no covered runs—and I have to exercise great care to get the fork into the ground without impaling a chick; when a forkful of earth is raised, instantly fifty chicks are in the hole and the next instant away they go after the chaps who got the worms. No chick food invented by man equals living food, and when the worms are all found they devote the best part of the day to scratching for and eating the sprouted grain. A few of the hens are let out every day to scratch and wallow, the peaceable ones are left out all day, the mussy ones that want to fight, those that are shut up; are put back and not let out until nearly night when we have time to watch them.

HAWKS AND RATS DO LITTLE DAMAGE

Don't the hawks bother? Not enough to offset the benefits; so far, only one chick has been carried off that we know of, and the garden is the other side of the road and directly in front of the house, where it is in full view all the time. Our old tom cat visits the chick yard with me most every morning and goes along smelling at every house to see if there is a dead chick that he might possibly have, but he never touches a live one, because we have explained to him that he must not. He will follow me from the hen yard to the chopping block when I catch a fowl to kill, and will eat the head as soon as it falls from the block, but I have never known him to touch a live chick. I take pains to bury promptly every chick that dies. There are three good reasons for doing so: First, I don't want to put too hard a strain on old Tom's virtue; if he got to eating dead chicks, he might mistake a sleeping chick for a dead one someday and so get to eating live ones. Secondly, rats don't get a chance to learn that dead chicks are good to eat. Thirdly, nothing is more disgusting on a poultry plant than to see dead hens or chicks lying around. I have a place in mind now where they are troubled greatly with rats and crows, and I have seen dead hens and chicks lying around there for weeks until they had rotted and there was only a heap of bones and feathers. In nineteen years on this farm, I have never lost a chick by rats or crows.

PROVIDING SHELTER AGAINST STORMS AND RAINS

In easterly storms, rain would drive into the chick coops, but I overcome that by making board shields to place slantingly against the fronts; this leaves room for the chicks to run in and out, but keeps the inside of the coops dry.

SPROUTED GRAIN RELISHED BY CHICKENS

It is hard to overestimate the value of the sprouted grains my chicks get in the garden; the green sprout, the white rootlet and the whole grain are eagerly swallowed.

(Continued on page 812)



An excellent old White Wyandotte male, showing great depth and good length of body, full and deep breast, splendidly arched neck and good head and comb. Tail carried too high in the picture, but showing good spread of same. Legs strong with well developed thighs. Color pure white.—J. H. Drevestadt.

CONVENIENT WAYS OF SUPPLYING SHADE

THE IMPORTANCE AND NECESSITY OF SHADE IN SUCCESSFULLY REARING CHICKS NOT FULLY APPRECIATED BY THE BEGINNER. EASILY ACCOMPLISHED AND SIMPLE METHODS OF SUPPLYING SHADE DESCRIBED AND ILLUSTRATED. APPLIANCES THAT MAY BE CONSTRUCTED BY ANYONE THAT CAN USE A HAMMER AND SAW. MUSLIN VERY EXTENSIVELY USED. BURLAP WHILE NOT AS PLEASING TO THE EYE TO BE PREFERRED

BY W. A. WOLFORD



It has been very aptly said that, "Necessity is the mother of invention." This applies in a great many instances to the poultry keeper, as necessity often compels him or her to devise or invent many appliances, or perhaps more properly, contrivances, to meet the conditions under which they are laboring; conditions which, unless overcome by man's ingenuity, would in the majority of cases prove the undoing of the poultry keeper.

I do not mean to convey that one must of necessity be a genius or an inventor to become a successful poultryman, but the individual aspiring to ascend the pinnacle of success must be one who can quickly adapt himself or herself to the prevailing conditions. That is, when the welfare of the fowls or chicks demands that, this, or the other thing be provided, they must anticipate these demands and supply them promptly and adequately, although artificial means have to be resorted to.

As the season advances, the one thing more than others that will claim the attention of a large number of poultry raisers is providing the necessary amount of shade for the growing chicks, also for the mature stock. I say shade, for unless the grower has unlimited range, this one essential in proper quantities is usually lacking. Without a sufficient amount of shade to give protection to the birds from the direct rays of the summer sun, we cannot hope for the quick and vigorous development of our chicks that we should expect, other conditions being correct. Nor can we expect to derive the best results from our adult stock if they are forced to either endure the scorching rays of the sun, or else content themselves

within the confines of their roosting quarters for self-protection.

The necessity of shade should be apparent to all who have had any experience with poultry, and the rearing of chicks should not be attempted on locations barren of shade, without making provisions to supply it plentifully by artificial means. In the following paragraphs I shall attempt to describe and illustrate some of the methods of supplying shade followed by those who have made a success of poultry raising, although these conditions were not ideal.

To start at the beginning, if we are to have well developed stock that have the stamina and vigor to reproduce their kind, it is necessary that we give them our best attention from shell to maturity. No matter how strong or vigorous the parent stock may be, if the chick is not properly grown it will make an inferior bird—one in which we cannot place our hopes for success. Therefore, if the plot upon which you are growing the chicks is barren of shade, it is necessary that artificial means be resorted to, to furnish this much needed adjunct. In the small illustration page 801, Fig. 1, is shown a simple and economical way of providing protection from the burning rays of the sun for the ordinary brood coop in which a hen and chicks are housed. Four stakes are driven into the ground and a piece of burlap is stretched from one to the other and the coop placed under this shelter. This plan may also be followed where outdoor brooders are used and is probably the quickest and most convenient manner of furnishing artificial shade. The water dishes and dry food hoppers should also be provided with protection of this kind. If it is

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A group of illustrations showing some of the plans devised by poultry raisers for supplying shade. At the left may be seen a row of brood coops with muslin covered runs attached. At the right is a piano box, with the side removed, placed on the range to furnish shelter for the chicks. At the top is a neatly constructed chick run and shelter used in connection with the brooder, and at the bottom is shown a portion of a long brooder house and runs. In the runs will be seen a very satisfactory plan for supplying shade.



Pictured in the above group are seven of the most popular breeds of Bantams in America today. Some of them have been prominent winners in England, as well as America, and may well be considered as representative specimens of the highest quality. Reading from left to right in the top row is a grand Silver Seabright cock of excellent style and markings. The remaining two pictures represent a Black Breasted Red Game Bantam cock and hen—the cock is an English winner and the hen won first at the Boston Show several years ago. To the left in the center row is a grand Buff Cochin Bantam hen, a Madison Square Garden winner and the mother of many winners. The pair of Japanese Bantams in center are among the best we have seen in recent years and were winners at Buffalo last winter. To the right is pictured a grand Light Brahma Bantam hen of true Brahma type according to the American ideal. In the lower right hand picture is one of the best Black Cochin males shown in many years, a winner of first at New York and Boston. A grand Golden Duckwing cockerel, having style, type and station of highest quality, and one of the best Game Bantams bred in England last season, is shown in the center picture in the bottom row. The lower right hand picture is a study of one of the greatest Rose Comb Black hens of today. She has a remarkably large, round, smooth earlobe, and has produced many wonderful Rose Comb cockerels.

—A. O. Schilling.

STANDARD POULTRY TOPICS FROM OVERSEAS

ENGLISH SILVER WYANDOTTES LEAD THE WORLD IN COLOR AND LACING. BEST SHAPED WYANDOTTES ARE NOT ALWAYS THE BEST IN COLOR MARKINGS. ENGLAND HAS THE FEATHER PROPERTIES AND AMERICA THE SHAPE. THE PARTRIDGE VARIETY THE MOST PERFECT OF ENGLISH WYANDOTTES. BLACK WYANDOTTES WITH YELLOW LEGS AND SOUND UNDER-COLOR A DIFFICULT PROBLEM TO SOLVE. BRITISH STANDARD FOR RHODE ISLAND REDS IDENTICAL WITH THE AMERICAN STANDARD. THE QUESTION OF COLOR IN RHODE ISLAND REDS SHOULD BE SETTLED ONCE AND FOR ALL BY AMERICAN AND ENGLISH CLUBS. A BUSY SHOW SEASON

BY W. M. ELKINGTON, England



DITOR Drevenstedt's remarks on Wyandotte type and color in the March AMERICAN POULTRY WORLD affords food for discussion, and as his arguments represent the American point of view, I propose to outline the general opinion of English breeders, because it is obvious that our ideals and our methods of attaining them differ very considerably and everyone should do his little best to help along the International Standard movement, even if he doubts its practicability. Americans have been taught that any old stick is good enough to beat an English Wyandotte with, but it does not follow, because you have seen a few birds with faulty shape, or no shape at all, or because we have not the same regularity in type as you have that there are no typical Wyandottes in this country, or that we don't appreciate the correct shape.

With regard to the Silvers, in particular, the truth is that our breeders have got the variety up to a very high standard of excellence as to color and lacing, and Americans have always generously admitted that in this respect, we lead the world. Now, it is scarcely necessary to explain that these traits of color and lacing are the most difficult points to breed in a Silver Wyandotte, and that males with pure silvery-white backs, openly laced breasts, fluff and bars, and rich in black, and females with clear colors and open centers are as near approaching works of art as anything in the poultry line. Englishmen have vied with one another in producing these glorious specimens, and because perfection in color and lacing is so elusive, other traits, including shape and head points, have not received the same attention, probably because these traits can be bred and fixed with comparative ease, and we hold to the opinion that the thing which is most worth doing is the thing that is most difficult to do.

BEST SHAPED WYANDOTTES ARE NOT ALWAYS BEST COLORED ONES

However, we can show many good shaped Wyandottes, if it comes to that; but the best shaped are not always the best-laced and it becomes a question whether the judges should award prizes to the birds, most typical of the variety, and to those most typical of the breed, for it is a generally accepted principle that shape makes the breed and color the variety. The majority of English judges would answer that question by asking which trait was the most difficult to reproduce, and the reason why faulty shaped Silver Wyandottes can win in England is because

we appreciate the fact that whereas good shaped specimens with moderate feather properties can be produced by the bushel, it is the work of a lifetime to breed anything like perfection in color and lacing.

I know that from the American point of view this is entirely wrong and I have no wish or hope of convincing you to the contrary; but I want you to realize just how we stand, and to know that our comparative neglect of shape has been due to our success in producing the traits that are much more elusive. I believe some Americans have called ours the short-cut method of breeding Silver Wyandottes; but they are wrong; it is the round-about method. The short-cut system is to breed for shape and trust to getting feather properties afterwards. But we need not concern ourselves with that, especially as Mr. Drevenstedt gives us more important matters to think about, for I understand the gist of his argument is that American breeders should renounce the ideal set-up by English breeders of color and lacing and set their minds upon the production of typical birds with imperfect feather properties. I use the word imperfect, because the clear colors and open centers of English Silver Wyandottes represent the sublime just as does the beautiful snappy barring of your Plymouth Rocks, and I contend that heavy lacing and medium centers are just as commonplace as I believe our English Barred Rock marking to be in comparison with yours.

ENGLAND HAS THE FEATHER PROPERTIES AND AMERICA THE SHAPE

Snappy barring in Rocks may not be as difficult to reproduce as open lacing in Wyandottes, but I respectfully suggest that it would be quite as reasonable, and just as lamentable, to propose a less perfect ideal in the barring of Rocks as it is to advocate heavier lacing and medium centers in Silver Wyandottes. Moreover, is it necessary to make this departure, and is it judicious in view of the efforts now being made to create an International Standard? Are there no other and better ways of tackling the problem? Remember, England has the feather properties and America has the shape, so is there not a possibility of helping one another to better results all around? English blood has been introduced by American breeders, and you say it has spoiled your shape, but has it not improved your feather properties? If so, it has helped you a step forward, and the loss in type can be corrected.

(Continued on page C12)



A view showing a portion of the buildings on the Aldrich Poultry Farm, Columbus, Ohio. The building at the left is the brooder house, which at the present time is full to capacity with Crystal White Orpington chicks. The long building in the rear of barn is the main breeding house, hidden behind this are numerous colony houses and other small buildings that are included in the up-to-date equipment of this farm.

AMERICAN POULTRY WORLD



DEVOTED TO THE
Upbuilding of the Poultry Industry
in All Branches

GRANT M. CURTIS Editor
J. H. DREVENSTEDT . . . } Associate Editors
WILLIAM C. DENNY . . . }

CONTRIBUTORS: The best informed and most
reliable men and women at work today in the
broad field of Poultry Culture and advancement

STAFF ARTISTS:
Arthur O. Schilling,
H. C. Froby.

EDITORIALS

NEWLY ELECTED OFFICERS OF THE AMERICAN POULTRY ASSOCIATION

The voting members of A. P. A. used excellent judgment in the selection of new officers at the recent election, also in deciding where and when to hold the thirty-seventh annual convention. Following are the results of the mail vote, as reported by the election commissioner under date of May 8th:

The successful candidates are:

President, Reese V. Hicks, Topeka, Kan.

First Vice President, S. J. Hopper, Dallas, Texas.

Second Vice President, Dr. W. C. Cleckley, Augusta, Ga.

Secretary, S. T. Campbell, Mansfield, Ohio.

Members of the Executive Board, E. E. Richards, Cedar Rapids, Iowa; Geo. H. Rudy, Mattoon, Ill., and L. C. Byce, Petaluma, Calif.

Place of holding the 37th Annual Convention, Nashville, Tenn.

Time of holding the 37th Annual Convention, week of August 12th to 17th, 1912.

COMPLETE RETURNS OF VOTES CAST

PRESIDENT:

Reese V. Hicks, Topeka, Kansas.. 1496
Henry Steinmesch, St. Louis, Mo. 300

FIRST VICE PRESIDENT:

S. J. Hopper, Dallas, Texas..... 950
Jos. Russell, Toronto, Ontario.... 833

SECOND VICE PRESIDENT:

W. C. Cleckley, Augusta, Ga. 905
L. B. Audigier, Knoxville, Tenn.. 836

SECRETARY:

S. T. Campbell, Mansfield, Ohio... 1692

MEMBER OF EXECUTIVE BOARD:

E. E. Richards, Cedar Rapids, Ia. 934
George H. Rudy, Mattoon, Ill. 915
L. C. Byce, Petaluma, Cal. 724

L. L. Haggin, Lexington, Ky. 439
Rufus Delafield, South Plainfield, N. J. 426
H. M. Lamon, Washington, D. C. 346
C. P. VanWinkle, Dallas, Texas.. 337
F. N. Perkins, Freeport, Ill. 331
A. A. Peters, Denver, Colo. 328
R. E. Bruce, New Orleans, La. 209
John M. Parker, Creston, Mont. ... 115

PLACE OF HOLDING 37TH ANNUAL MEETING:

Nashville, Tenn. 970
Chicago, Illinois. 401
Atlantic City, New Jersey. 126
Detroit, Michigan. 123
Boston, Massachusetts. 120

TIME OF HOLDING 37TH ANNUAL MEETING:

August, 2nd week, 11th—17th.... 809
September, 1st week, 1st—7th.... 330
August, 1st week, 4th—10th.... 225
August, 3rd week, 18th—24th.... 150
August, 4th week, 25th—31st.... 103

Danville, Illinois, May 8th, 1912.

O. L. McCORD,
Election Commissioner.

Messrs. Hicks, Hopper, Campbell and Richards were re-elected to the respective offices and Messrs. Cleckley, Rudy and Byce are new men in office. Every officer who consented to stand for re-election was retained in office. Mr. Steinmesch was not a candidate for office, nor was Mr. Audigier a candidate for re-election. The election commissioner wrote Mr. Steinmesch two letters and telegraphed him, asking if he would accept the nomination for president. Receiving no reply, the commissioner decided that it was his duty to place Mr. Steinmesch's name on the election ballots. The large vote received by Mr. Steinmesch is, under the circumstance, a high compliment to a fine man and long-time loyal friend of A. P. A. and the industry it is endeavoring to represent.

Mr. Audigier has been in Europe for half a year or more, traveling in the interests of his health, and he is there now. That was why the election commissioner did not hear from Mr. Audigier in regard to his standing for re-election. The big vote given to Mr. Audigier was well deserved. No finer man is to be found in the ranks of the association. At present he is sending home articles that tell of what he is seeing and learning in leading European countries, in connection with the poultry business, that should interest and benefit poultry keepers in the New World. These open letters are being published in the *Industrious Hen*, Knoxville, Tenn., a monthly poultry journal of which Mr. Audigier is managing editor.

In this issue are shown recent likenesses of the newly elected officers, together with short biographical sketches prepared by Mr. Denny, Associate Editor. Dr. Cleckley, the new Second Vice-President, is highly spoken of and received a strong vote from his home section. Messrs. Rudy and Byce are well known men who will make valuable additions to the executive board. This election has strengthened the official family of the association, at the same time retaining the services of men who have proved to be willing and productive workers.

PROGRAM OF 37TH ANNUAL CONVENTION OF AMERICAN POULTRY ASSOCIATION

By vote of a large majority of the members of A. P. A. who took part in

the recent election of new officers, the thirty-seventh annual meeting of the association is to be held at Nashville, the capital city of Tennessee, and following is the business, educational and entertainment program, as prepared by the program committee, consisting of President Hicks and Secretary Campbell, and furnished to the poultry press:

Nashville, Tenn., August 9th to 17th, 1912.

Headquarters, Hermitage Hotel.

Meetings of the Association will be in the Hall of the State Legislature.

State Capitol is located one square from the hotel. These meetings are open to the entire public.

FRIDAY, AUGUST 9TH, 10 A. M.

(Meetings of the Executive Board will be open to members of the AMERICAN POULTRY ASSOCIATION).

The Executive Board will meet in the Assembly room, twelfth floor, of the Hermitage Hotel.

SATURDAY, AUGUST 10TH, 10 A. M.

Meeting of the Executive Board.

MONDAY, AUGUST 12TH, 9 A. M.

Thirty-seventh Annual Meeting of the AMERICAN POULTRY ASSOCIATION called to order by the President. Address of welcome by Hon. B. W. Hooper, Governor of the State of Tennessee.

Response by Reese V. Hicks, President of the AMERICAN POULTRY ASSOCIATION.

Roll call of members by States.
Approval of minutes of last meeting.
Report of Election Commissioner.
Election of Board of Review.
Appointment of Committee on Credentials.

2 O'CLOCK P. M.

Report of Executive Board on application for Membership; Charters granted to branch Associations; Annual report and recommendations. (All reports, as soon as made, will be open for discussion and motions to carry their recommendations into effect).

Annual report of Secretary.
Annual report of Treasurer.
Report of Finance Committee.
Report of Board of Review under suspension of rules.
Report of Committee on Credentials.
Ladies' tea and musical at Hermitage Hotel.

MONDAY EVENING

Reception at 8 P. M., followed by Grand Ball, Hermitage Hotel. Hotel to be beautifully decorated for the occasion.

TUESDAY, AUGUST 13TH, 9 A. M.

Report from and regarding Branch Associations. (All reports must be in writing and signed by the President and Secretary of the Branch).

Report of Committee on Bureau of Lecturers, G. C. Watkins, Chairman.

Report of Committee on Education and Experimentation, Prof. James E. Rice, Chairman.

2 O'CLOCK P. M.

Report of the Committee on Plymouth Rock Breed Standard, A. C. Smith, Chairman.

Report of the Committee on Market Egg and Poultry Standard, Robert H. Essex, Chairman.

Report of the Committee on Show Blanks, W. Theo. Wittman, Chairman.

Lawn Fete and Musical at the Country Home of Hon. Percy Warner.

TUESDAY EVENING, 8 P. M.

"Progressive Poultry Culture", Illustrated lecture by Prof. A. A. Brigham, Director of the South Dakota Agricultural College, Brookings, S. D.

WEDNESDAY, AUGUST 14TH, 9 A. M.

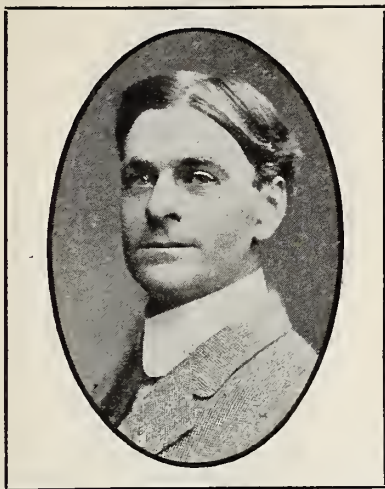
Report of the Secretary on Contest for separate Breed Standards.

Report of Committee on Editing and Publishing Second Edition 1910 Standard, F. L. Kimmey, Chairman.

Report of the Standing Revision Committee on 1915 Standard, Reese V. Hicks, ex-official.

2 O'CLOCK P. M.

Consideration of proposed amendments to Constitution and By-Laws.
 "Market Poultry and Egg Conditions in the South." Address by Prof. H. C. Pierce, U. S. Dept. of Agriculture,



REESE V. HICKS, TOPEKA, KANSAS
 Re-elected President of American Poultry Association for the Second Term

Mr. Hicks is a southerner, being a native of Tennessee. About five years ago he moved to Topeka. He was an attorney by profession in his native state, but gave up the practice of law to become a poultry journalist. At present he is editor of Poultry Culture, a monthly poultry paper published at Topeka. Mr. Hicks became a member of the American Poultry Association in January, 1907, at the time the new constitution was adopted and since then has been a prominent and willing worker in behalf of the organization. Much of the wide-spread, active interest in the trans-Mississippi states and Southwest is due to Mr. Hicks' efforts and personal enthusiasm. During his first term as president he has worked hard for the association, devoting a good deal of time to the duties of his office. Important work is underway at present—work that Mr. Hicks is anxious to complete during his administration and the voting membership of the association has given him the opportunity to do it.

Bureau of Chemistry, Food Research Laboratory, Field Station, Nashville, Tenn.

WEDNESDAY EVENING

Banquet at Hermitage Hotel.

THURSDAY, AUGUST 15TH, 9 A. M.

Inauguration of new officers.

New business.

Report of Executive Board; Judges' License granted; New members elected; Standing committees announced.

Report of Express Committee, Charles D. Cleveland, Chairman.

Report of Committee on Parcel Post Promotion, C. M. Zimmer, Chairman.

Report of Committee on Organization, Wm. Barry Owen, Chairman.

Report of Committee on Medals, T. E. Quisenberry, Chairman.

2 O'CLOCK P. M.

Report of Committee on Show Information, Russell F. Palmer, Chairman.

Election of Election Commissioner.

Announcement of Election of Treasurer.

"Poultry Shippers' Organizations and

their place in the Industry". Address by Mr. O. P. Berry, Pres. Southern Poultry and Egg Shippers' Association, Alexandria, Tenn.

THURSDAY EVENING

"Darkey Life of the Old South" at one of the theatres.

FRIDAY, AUGUST 16TH, 9 A. M.

Poultry Demonstration at the Naive-Spillers Packing Co.'s establishment.

Trip to "The Hermitage", home of former President Andrew Jackson, where an old fashioned Southern barbecue will be given.

FRIDAY EVENING

"On to Chattanooga".

SATURDAY, AUGUST 17TH.

Visit to Chickamauga Park, Missionary Ridge and Lookout Mountain.

Return trip stop-over at Mammoth Cave, Ky.

Here we have a program that is a decided improvement on the last two or three, especially as regards educational features, and unless all signs fail this should be one of the best attended and most important annual meetings the association has held. A. P. W. believes it will turn out that way.

At first thought some may feel that this program does not give sufficient prominence to the Standard-bred branch of the poultry industry, but when it is considered that there is to be a report from the editing and publication committee that had charge of getting out the 1910 Standard of Perfection, that a report is called for from the committee on compiling and publishing the first separate breed standard, which is to embrace the Plymouth Rocks, and that we are to have a report also from the standing revision committee on 1915 Standard, it is evident that much will be said that will interest breeders and judges of fowls of exhibition quality.

Furthermore, we are to have a report from the committee on show blanks and it is believed that at this meeting final action will be taken on

the proposed new A. P. A. poultry show rules, one of which forbids the managements of shows conducted under A. P. A. rules to engage as a



SAMUEL J. HOPPER, DALLAS, TEXAS
 Re-elected First Vice-President of American Poultry Association for the Second Term

Mr. Hopper is a resident of Dallas, Texas, which city we believe to be his birthplace. He joined the American Poultry Association in 1910. The year before that the Empire of Texas had only seven members, while at present it has about one hundred and forty members and is adding steadily to the list. Mr. Hopper was especially active in promoting the Texas State Branch, of which he was president during the year 1910-1911. Since joining the A. P. A. Mr. Hopper has occupied the front rank as an earnest, loyal champion of the interests of the association, spending time and money freely in his work for the organization. He is publisher and editor of the Southern Poultry Journal, a progressive monthly poultry paper now in its nineteenth year of success and usefulness.



FIRST PRIZE WHITE ORPINGTON CHICK BUFFALO SHOW 1911.
 BRED AND OWNED BY
 LAWRENCE JACKSON HAYSVILLE, PA.

White Orpingtons

An Established Strain with an Established Record

Write for catalogue giving list of winnings at Madison Square Garden, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown and Pittsburgh. Our fertility has been so good and the egg yield so heavy that we have hatched all the stock we can rear this season. Therefore, we will sell off half our breeders to make room for the youngsters that are growing like weeds. Eggs now half price.

**We Have Improved the White Orpingtons
 And We Can Improve Your Flock.**

Lawrence Jackson Farm,

Allegheny Co., Box W, Haysville, Pa.

CARVER'S RED FARM HOME OF QUEEN QUALITY REDS

SINGLE AND ROSE COMBS.

Strongest Blood Lines In The World

We have the rich, even, dark velvet Reds with that rich, red undercolor. Those long bodied, shapely Reds, strong in black markings that appeals to the careful fancier—our matings this season have that dark, rich hackle that harmonizes with their dark, red bodies, hackle that is red to the skin, we have fortified our matings to the utmost on head points, with red eyes and low ideal combs. We have a number of classy cockerels for sale, cheap. Do not fail to get prices on eggs from our special C. A. and G. B. matings. They will open your eyes and save your pocketbook. Remember we were the big winners at the Cleveland show this year. Eggs now at cut rate prices.

A. A. CARVER,

Lock Box No. 2,

SEVILLE, OHIO

judge any person who is employed by a poultry journal or other periodical in which poultry advertising appears, or who is connected therewith as



DR. W. C. CLECKLEY, AUGUSTA, GA.
Newly Elected Second Vice-President of the American Poultry Association

Dr. Cleckley is a dentist, is prominent in his profession and enjoys a large practice. For years he has been an admirer and successful breeder and exhibitor of Game Bantams, of which he is a recognized authority, acting as judge of these fowls at leading southern exhibitions. Dr. Cleckley joined the American Poultry Association in 1908. For years he has been an active supporter, also an officer, of the poultry association of his home city.

editor, associate editor, advertising solicitor, owner or part owner.

This editor-solicitor-judges question should supply enough verbal fireworks to be worth going miles to hear—and see! There is earnest, well-meant opposition to poultry journal men acting as judges at shows where they solicit advertising for their papers—no doubt of it. On the other hand some of our most influential and successful show managers have stated flatly that rather than abide by a rule of this kind they will decline to use the A. P. A. rules at all—and it would be a mistake for the association to try to force these managers to adopt such a rule against their emphatic refusal to do so.

It will be noted that the meetings of the executive board are to be open to all members of the association, which is entirely proper, it being understood that if the board deems such action advisable it can go into executive session at any time or hour by a majority vote to do so. This is the American Poultry Association and it should be conducted on American principles—not as a star chamber affair. In about ninety-nine cases out of every hundred when a member of the board is afraid to make a statement or is unwilling to speak his mind before the other members of the association, it would be better for him to say nothing at all.

Do not be in any doubt as regards the loyal welcome and hospitable time the people of Nashville and the South will have ready for all visiting poultrymen and women who attend this annual convention. Last August the

cities of Denver and Colorado Springs, assisted by the mayors of the two cities and by the Governor of Colorado, did nobly, but we believe that Nashville, capital of Tennessee and "City of Opportunity" of the present day South, will do even better.

We are looking forward confidently to a big and successful meeting in this strictly up-to-date southern city and A. P. W. earnestly advises every poultry culturist and friend of poultry to be present who can arrange to go without too great sacrifice. The place is central and easily accessible, the time of year is convenient and the cause is right—is a bread and butter matter for many thousands of us, poultry journal editors not excepted.

EIGHT HUNDRED AND SEVENTY-FIVE NEW MEMBERS OF A. P. A.

The total for this, the banner year, in securing new members to the American Poultry Association, still keeps on piling up. It now is nearing the one thousand mark and already the association is certain of a larger increase in membership than was secured last year, which in its turn showed the greatest total addition in the thirty-seven years' history of the organization.

Since the last issue of A. P. W. went to press the following new members have been voted in by the executive board:

ILLINOIS:—W. H. Wood, Chicago; W. E. Snits, Chicago; Inter-State Poultry Assn., Petersburg; Amos A. Anderson, Macon; Granite City Poultry Assn., Granite City; Edward A. Ott, Waukegan; Paul W. Hatch, Plano.

OHIO:—J. D. Caldwell, Lisbon; C. E. Stevens, The Bend; The Cleveland Poultry Breeders' Assn., Cleveland; Paul B. Van Winkle, Richwood; Leetonia Poultry Assn., Leetonia; M. M. Wampler, Dayton.

PENNSYLVANIA:—Ira H. Landes, Allentown; J. S. Brady, Parkers Landing; Samuel Gamble, Carnegie; H. F. Spratt, Dixmont; C. L. Pensyl, Bloomsburg; Western Pa. Fanciers' Assn., Pittsburg.

NEW YORK:—James H. Westcott, Rochester; George J. Kerr, East Hampton; Geo. E. Noeth, Rochester; Chas. T. Craig, Tillson; Jno. G. Elbs,



S. T. CAMPBELL, MANSFIELD, OHIO
Re-elected Secretary of the American Poultry Association for a Fourth Term

Mr. Campbell has proved to be the most efficient and successful secretary in the history of the association. That his efforts are appreciated by the members was shown by the practically unanimous vote given him in the recent election. Since Mr. Campbell has been secretary the membership has increased from one thousand six hundred and eleven to nearly four thousand and the number of district, state and provincial branches has nearly doubled. Previous to his election as secretary, Mr. Campbell was prominent as a breeder and exhibitor of Rose Comb Black Minorcas and well known as a poultry judge. He joined the American Poultry Association in February, 1896.

Rochester; R. W. Van Hoesen, Franklinville.

TEXAS:—E. H. Prescott, San Antonio; Ed. M. Steves, San Antonio; J. F. Ripps, San Antonio; L. M. Samuels, San Antonio; Louis A. Elmendorf, San Antonio.

MISSOURI:—James R. Snyder, Frazier; F. S. Grundy, Maryville; Randolph

Maple Farm White Rocks



We are now offering eggs at half price from our Prize Mating of White Plymouth Rocks, we also have a few selected breeders for sale of both sexes. Handsome Mating List sent on request.

Maple Farm is not only breeding high-class White Rocks, but is also breeding Guernseys, Belgians and Chester Whites of the same high quality.

MAPLE FARM

Chas. D. Ettinger, Prop.

TINLEY PARK, ILL.

W. A. COOK, Manager

HENRY FRANK, JR., Supt. Poultry Dept.

Co. Poultry Assn., Moberly; A. S. Brown, Kansas City; Mrs. W. C. Dunn, Independence.

WASHINGTON:—Mabton Poultry Assn., Mabton; O. G. Shaven, Pomeroy; Governor Teats, Tacoma; Mrs. F. K. Walsh, Hoquiam.

MICHIGAN:—W. B. Osborn, Jackson;

since the close of the Denver convention—or up to May 15th, eight hundred and seventy-five.

PROPOSED STANDARD FOR MARKET EGGS AND POULTRY

At the thirty-sixth annual convention of the American Poultry Association, held at Denver, Colorado, last August, Thomas E. Quisenberry, Mountain Grove, Mo., member of the executive board of A. P. A., secretary of the Missouri State Poultry Board and director of the Poultry Department of the Missouri Experiment Station, introduced the following resolution which was adopted unanimously:

"I MOVE that the President appoint a committee of nine members for the preparation of the text and to make recommendations as to proper illustrations for a Standard embodying the requirements to be used in the judging of eggs and dressed poultry; also to recommend a proper score card for adoption by this Association in the scoring of eggs and dressed poultry.

"SAID committee to invite and secure from the specialty breeders' organizations, produce men and all other interested persons, full and complete data and information relative to breed characteristics in eggs, shape, color, freshness, grades and such other requirements as they believe would promote or benefit this important branch of the industry, and the said committee shall give the same consideration to dressed poultry.

"SAID committee to provide also for publication and distribution and to notify the Secretary of same in proper time of any desired constitutional amendment necessary for the consideration, adoption or rejection of said Standard for eggs and dressed poultry at the next regular Convention of the Association."

In due course the following committee was appointed by President Hicks: Robert H. Essex, Buffalo, N. Y., Chairman; W. R. Graham, Guelph,

Ontario; T. E. Quisenberry, Mountain Grove, Mo.; W. A. Lippencott, Ames, Iowa; H. C. Pierce, Nashville, Tenn.; C. R. Bowman, Topeka, Kansas; Frank Hare, Quincy, Ill.; Harry M. Lamont, Washington, D. C.; Paul Mandeville, Chicago, Ill. and Joel M. Foster, Browns Mills, N. J.

Under date of May 10th current year Mr. Essex, as chairman of this important committee, has asked the poultry press of the United States and Canada to co-operate with the committee in developing data and ideas for use in the proposed utility or market egg and poultry standard.

All readers of A. P. W., who are specially interested in this matter and who have facts or ideas that they would like to have considered by the committee, are hereby requested to write to Mr. Essex direct, in his capacity as chairman, and you may be sure that what you have to offer will receive careful attention. The time is short in which the committee has to finish its report, therefore whatever you desire to do should be done promptly. Address Mr. Essex as follows: Terrace & Henry St., Buffalo, N. Y.

PERMANENT HOME AND HEAD- QUARTERS FOR A. P. A.

The following appeal for a permanent home for the offices, library, etc., of the American Poultry Association is to be published in the next edition of the A. P. A. official bulletin:

POULTRY TEMPLE

Plan for a Permanent Home

"Just before this Bulletin went to press, the President of the Association spent a few days at the home of the Secretary going over together the business of the Association, preparing matter for this Bulletin, etc. A careful survey of the needs and finances of the Association was made. Some of the



E. E. RICHARDS, CEDAR RAPIDS, IA.
Re-elected for a Second Term of Three Years as a Member of the Executive Board of A. P. A.

Dick Richards, as he is known by a host of friends, enjoys a wide acquaintance among members of the American Poultry Association. As chairman of the advisory committee on complaints, grievances, etc., he has performed truly valuable work for the association. Mr. Richards is editor and publisher of Western Poultry Journal, one of the best known and most successful poultry magazines of the country. He became a member of the A. P. A. in January, 1900.

Ira Ernsberger, Lansing; L. C. Kelly, Ypsilanti.

NORTH CAROLINA:—Alexander S. Watkins, Henderson; J. C. Patton, Charlotte; W. L. O'Brien, Winston-Salem.

TENNESSEE:—T. J. Moulton, Nashville; Reginald Stonestreet, Nashville; W. H. Tompkins, Murfreesboro.

MISSISSIPPI:—Mrs. James E. Evans, Muldon; Leflore Co. Poultry Assn., Greenwood; S. M. Jackson, Minter City.

INDIANA:—G. R. McGurtry, Sheridan; Bert Scott, Kempton; K. B. Shields, Seymour.

ALABAMA:—J. B. T. Cummings, Selma; J. A. Henderson, Troy; J. L. Greer, New Decatur.

NEW JERSEY:—Salem Co. P. P. & P. S. Assn., Salem; D. G. Keyler, Brown's Mills.

IDAHO:—Idaho Poultry Assn., Grangeville; B. F. Clay, Homedale.

KANSAS:—N. Kornhouse, Peabody.

COLORADO:—Weld Co. P. & P. S. Assn., Greeley.

NEW MEXICO:—Pecos Valley Poultry Assn., Roswell.

NEW HAMPSHIRE:—Geo. E. Buzzell, Dover.

NEBRASKA:—E. Dudley Beck, Decatur.

ARKANSAS:—Steve Grier, Fort Smith.

CANADA:—F. J. G. McArthur, Winnipeg.

IOWA:—P. W. Pitt, Belle Plaine.

MASSACHUSETTS:—G. W. Page, Newton Centre.

WISCONSIN:—Henry E. Noight, Hamburg.

The foregoing list contains seventy-

one new members. Total new mem-

bers added to the association's roll call

Annual Summer Sale

**BRIGHT'S
BEST OF ALL STRAIN
BRED PLYMOUTH ROCKS**

**FOR
TWENTY
YEARS**

**FASHION'S
FEATHERED
FAVORITES**

as determined by receiving the highest awards at America's leading shows, such as Madison Square Garden, New York, Boston, Chicago, Indianapolis, Philadelphia, Toronto, Washington and and the Three Greatest World's Fairs, Pan-American, St. Louis and Jamestown Expositions.

FOR SALE—Males and Females that are brothers and sisters of first prize winners of the greatest national importance and rich in the blood of such winners for years back according to pedigrees, carefully kept. Birds of proudest pedigree will be sold for most modest sums. Write for what you need—we will supply it at a price that your pocket book can afford.

EGGS one half price now. Not too late by any means to hatch winners for the late shows and A-1 breeders for next season. It is the cheapest and surest way. Whatever you do get our mating list and **reduced** price list.

Grove Hill Poultry Yards, Box 804, Waltham, Mass.

WILLIAM ELLERY BRIGHT, Prop.

A. C. SMITH, Supt.

needs are expressed in the suggested amendments offered by these two officials, as given elsewhere in this Bulletin.

"One of the great needs is a PERMANENT HOME for the AMERICAN POULTRY ASSOCIATION. To start the ball rolling for this needed enterprise, it is not necessary to amend the Constitution. Suitable resolutions can be adopted at any annual meeting, voting funds, or laying plans for securing these funds without constitutional amendments.

"Is a permanent home needed? Could you spend a day at the office of the busy Secretary, you would not ask that question. The Secretary has his office in his home and three large rooms, each about fifteen by sixteen feet, are taken for the desks, books, papers, etc., of the AMERICAN POULTRY ASSOCIATION business. In addition to this, when supplies of Standards are on hand, a large part of the barn is used for storing the 25,000 Standards. For this office room, no rent is paid. Thousands of valuable papers, pictures, etc., go to

waste each year in the hands of private parties that ought to be collected and preserved as mementoes of the growth of the poultry industry. Only by having a fixed home of its own can the Association begin the work of collecting such relics.

"But HOW to get the money is the important item. Here is one plan worth considering and working out in detail.

"Ask the leading cities of the country to make offers of suitable sites for a home and money donations for the building. Let such offers be submitted by mail to the members of the Association at the next annual election. Allow every member to cast one vote for the city he thinks should win for every dollar he will give to the building, paying one-tenth of his subscription in advance.

"To illustrate, if a member wishes to give one hundred dollars to the new home, let him remit ten dollars, and he is entitled to one hundred votes. The President and Secretary will each take

one hundred votes as a starter. There are thousands of poultrymen able to give sums ten times this large and will gladly do so, no doubt. A fund of ten to fifteen thousand dollars can be easily raised among the members. The city that wins should raise as much more. There is a fund of \$8,000 in the treasury that could be used. Bonds could be issued for ten thousand dollars. Thus a first class four-story building in size, around fifty to one hundred feet, could be built. The first two floors could be rented to other businesses and the rents pay taxes, insurance, interest on the bonds, and establish a sinking fund to eventually take up the bonds.

"What say you? Have you a better plan? Or HOW MUCH will you put your name down for?

"The coming Annual Meeting should pass suitable resolutions and start some plan working to secure the funds for this permanent home."

Undoubtedly the association should have permanent headquarters, and it is to be hoped that a plan may be developed in the near future whereby a home for the assets of the organization can be established. If the forthcoming market poultry and egg Standards and the separate breed Standards sell as well as the advocates of these new books believe that they will, here should be a source of income that would help greatly.

On the other hand, it is certain that a considerable number of members of the association can be relied on to help secure an A. P. A. building, on the plan proposed by President Hicks and Secretary Campbell, as outlined in the above appeal. Furthermore, we are confident that many cities, especially those of moderate size, would gladly donate ground. However, the headquarters of A. P. A. should be located in some large, central city like Chicago, for example, and it is not an easy matter to get the big cities interested in a project of this kind to an encouraging extent.

Buffalo would make a good location for the proposed poultry temple and there are a few men in this city who could be interested in the proposition. Further developments are promised at the Nashville convention in August and A. P. W. hopes that something tangible may result which will lead to the association having a permanent home within a very few years.

POULTRY MEAT AND EGG FAMINE FOR SEASON OF 1912-1913

That is, not meant to be a "scare heading," as the saying is, nor is it our wish to exaggerate, but it now appears that the United States is going to experience a poultry meat and table egg shortage next fall and winter such as has not been known in the life time of the present generation. Last fall and winter fresh-laid market eggs reached five cents each in the larger cities of the country and seventy to seventy-five cents per dozen in New York and Boston, while storage eggs retailed in the leading markets at thirty-five to fifty cents per dozen. These prices, three to five years ago, would have been regarded as famine prices—and prohibitive.

Unless all signs fail, the above mentioned prices will be exceeded next fall and winter by a considerable margin. Probably the layers will do much better work as the present season progresses, but during the last six



STATE CAPITOL, NASHVILLE, TENN.

Where 37th Annual Convention of the American Poultry Association is to be Held, August 12th-17th, 1912

All sessions of the American Poultry Association at Nashville, Tenn., in August are to be held at the State Capitol, in the Hall of Representatives. The Capitol Building is situated on a hill in the center of the city and the interior is cool and inviting at all times. A gallery surrounds the legislative hall, which will accommodate all visitors who are interested in poultry and attend the convention. Points of interest to be seen at the Capitol Building and grounds include famous statues of Andrew Jackson; tomb of former President of the United States, James K. Polk; statue of Sam Davis of federal fame; state library and displays of mineral and agricultural resources of the State of Tennessee and a panoramic view of the city of Nashville from dome of building.

to eight weeks surprisingly high prices have been offered by storage interests for new-laid eggs to be put away for use next winter, yet the actual supply has been far below the

an extravagant nation can afford to use them. If it were not a fact that the prices of table poultry and eggs follow those of steaks, chops, ham, bacon, etc., the present extraordinary shortage of chicks undoubtedly would mean a marked increase in the prices of market poultry and table eggs next fall and winter, but taking the two conditions together, we may look for record-breaking high prices next season in all sections of the country.

And the same condition, in degree, is going to exist in the case of Standard-bred poultry and in eggs produced for hatching purposes. In all our experience we have never before heard such reports of shortages of chicks as now are coming to hand almost daily. We know of prominent poultrymen who had hatched less than one hundred chicks up to May 1st—men who ordinarily have hundreds, and in some cases several thousand chicks out by that time. One of the largest and most successful poultry farms in Western New York discontinued hatching for nearly two months early this season, doing so on account of the fact that the eggs obtainable were infertile to such a degree that it paid better to sell them on the market than to try to hatch chicks therefrom.

It would create country-wide astonishment among interested persons if we were to quote at this time from letters received from well-known poultrymen, reporting the small numbers of chicks they had been able to hatch during March, April and the first half of May, 1912. Nothing like it or really approaching it has come to our knowledge during the twenty years we have been interested in the poultry business.

"What to do," has been the question that these poultrymen—hundreds of them—have been asking themselves. The only answer that could be given was, "late-hatched chicks." Probably more chicks will be hatched in the month of June this year than during any other year in the history of the poultry business. We should judge that more June-hatched chicks will be produced this season than were hatched all told during March, April and May. This is a surprising state of affairs, but the facts exist and these conditions reach from the Atlantic to the Pacific, from Northern Canada to points south of the Ohio River, generally speaking. It is quite likely that more than fifty per cent. of all the chicks that are produced during the

spring and summer of 1912 will be hatched after the 15th day of May.

Breeders of Standard poultry are hereby advised not to dispose of their year-old birds this season, except at



LYMAN C. BYCE, PETALUMA, CALIF.
Newly Elected Member of the Executive
Board of A. P. A. to Serve
Three Years

Mr. Bryce joined the American Poultry Association, August 14th, 1907. He is president of the California State Branch and has been active in awakening renewed interest in A. P. A. affairs on the Pacific Coast, especially in his home state. This will be his first term as an elective officer of the parent organization. He is the second member of the Executive Board to be chosen from the Pacific Coast. Harry H. Collier of Tacoma, Washington, was a successful candidate a year ago and represented his state and section at the Denver Convention, August, 1911. Mr. Bryce is president and principal owner of the Petaluma Incubator Company, a long-established firm that for years has enjoyed a large trade. His wide and successful experience as a business man will be of material assistance to him in helping to direct the affairs of the American Poultry Association as a member of its executive board.

urgent demand. Meantime, the prices of meats of all kinds have gone up to points unheard of before, except in times of war, and this also has increased the prices for table eggs, but not the supply.

The winter of 1911-1912 was the coldest in a third of a century and we are told that it has been many years since the entire country has experienced a spring that was as late, cold and wet as that of 1912. The writer has been closely identified with the poultry business for twenty years and in that period we have not seen as cold a winter or as unfavorable a spring as those we have just passed through. Not only was the egg-yield much reduced, but we are confident that up to the present date, May 20th, not more than thirty to forty per cent. as many chicks have been hatched by all kinds of poultry raisers as is the case during an average season.

If we are right, or approximately right, in this estimate, what is going to be the result next fall and winter? To us it looks like a poultry meat and table egg famine, in the sense that prices for these popular human foods will again go so high that only a limited portion of the population of even



GEO. H. RUDY, MATTOON, ILL.
Newly-Elected Member of the Executive
Board of A. P. A. to Serve Three
Years

Mr. Rudy enjoys the respect and confidence of a wide circle of friends who worked energetically and successfully for him in the recent election. His poultry interests are centered in White Wyandottes, which he breeds exclusively. In the last ten years he has built up one of the finest strains of White Wyandottes ever produced. Mr. Rudy is a quiet, unassuming man who puts careful thought into his work—into everything he does. He believes strongly in the future of the Standard-bred poultry business and can be relied on to work and vote for real progress along conservative, constructive lines.

good prices. Every sound and otherwise valuable specimen, male and female, should be kept for use or for sale next fall, winter and spring. The crop of young birds will be decidedly short and the chances are that a large portion of the young stock may be under-sized. June-hatched birds should do better this season than usual, because vegetation is three to five weeks late in all parts of the country, and the weather during this month should be generally favorable to the health and growth of newly-hatched chicks. Fresh, tender vegetation may be expected to exist throughout the month of June and it is to be hoped that hot, mid-summer weather

BRIGHT'S BROWN LEGHORNS

Proof—The Biggest Winning At The Best Shows
BIG REDUCTION IN PRICE—EGGS

from the best pens ever mated of this variety. Send for mating and price list—it will interest you—Free. Tells how to mate—as we do.

Special sale of a few fine females proven breeders at a price at which you cannot afford to let them go by. Write your wants.

GROVE HILL POULTRY YARDS,
WILLIAM ELLERY BRIGHT, Prop.,

Box 804-A,

WALTHAM, MASS.
A. C. SMITH, Supt.

**Acknowledged
The Best of All**



HERMITAGE HOTEL, NASHVILLE, TENN.

Headquarters of American Poultry Association at 37th Annual Meeting, August 9th-17th, 1912

This hotel, recently completed at a cost of over a million and a half dollars, has been designated as American Poultry Association headquarters during the convention to be held in Nashville in August. It is one of the most elegant and elaborate hostleries in the entire south and its equipment and service are said to be equal to any hotel in the country. The Hermitage Hotel is situated on the corner of Sixth Ave. and Union Streets, six blocks from the Union Station and one block from the State Capitol, where the public sessions of the association convention are to be held. As a matter of course, Nashville, with its population of 115,000, has numerous other hotels, but the Hermitage is the pride of the city in this line of buildings.

will not put in its appearance until well along in July—the further along the better.

Breeding and exhibition stock, young and old, is certain to sell at high prices next fall, winter and spring. There is nothing in sight to prevent this. Market poultry and eggs will be high in price and there is sure to be a country-wide shortage of Standard-bred fowls to be used for exhibition and breeding purposes. The effort should be to produce as many good chicks as possible during the month of June and to take extra care of them during July and August. It is our belief that these birds, if well raised, will be worth twenty to fifty per cent. more than usual next fall, winter and spring.

THREE MONTHS SUMMER POULTRY SHOW AT ATLANTIC CITY NEW JERSEY

Charles T. Cornman, editor of the Poultry Item, Sellersville, Pa., has been on the road lately in the interests of an International Summer Poultry Exhibition that is to be inaugurated

at Atlantic City, N. J., July 1st, 1912. This summer poultry show is to be conducted by the Poultry Item and will be held in the large exhibition building on what is known as the Million Dollar Pier, which opens directly off the famous "boardwalk" of this popular summer resort. The average daily admissions on this pier last summer reached 40,000 people.

Twenty thousand square feet of floor space is to be devoted to the poultry exhibit, including separate pens, 4x8 feet in size for fowls, and larger spaces for the display of poultry appliances, including incubators, brooders, etc. Such well-known poultrymen as U. R. Fishel, J. C. Fishel, E. B. Thompson, the Kellerstrasses and others have arranged for space, so we were informed by Mr. Cornman. All birds sent to this three months' show are to be under the personal supervision of Mr. Cornman and he guarantees that they will receive the best of care. The birds are to be judged in the ordinary way, during the progress of the exhibition and attractive prizes are to go to the winners.

The publishers of the Poultry Item have issued a sixteen page booklet that gives all necessary preliminary information about this first International Summer Poultry Show, copies of which

will be mailed free to interested persons. The entire project is under the direction of the Poultry Item and the object is to establish an annual summer poultry show, in hopes of developing an increased amount of business for poultrymen and the manufacturers of poultry supplies during July, August and September of each year. For further information address the Poultry Item, Sellersville, Pa.

POULTRY REPORTING AND COLLECTION AGENCY

A company has been organized at Nashville, Tenn., known as the American Poultry Reporting and Collection Agency. The officers of the company are: president, James Volney; vice-president, John A. Murkin; general manager, T. J. Moulton; secretary, E. C. Harlan; general council, W. B. Marr. The following paragraphs are quoted from the prospectus of the new company:

"The American Poultry Reporting and Collection Agency has been organized for the benefit and protection of the poultry interests of America, including shippers, poultry publications,

etc. Its business will be to handle every character of claims, bad debts, notes, etc., of shippers of chickens, eggs, incubators, brooders, feeds, poultry remedies and appliances from any point in the Union against bad debtors over the whole country and to prosecute them vigorously to enforce collections, doing so at a reasonable fee.

"The American Poultry Reporting and Collection Agency is in a position to furnish reports on all customers and prospective customers in every state and county in the Union, showing financial standing, solvency, moral standing, whether judgment proof, etc. Every subscriber to the American Poultry Reporting and Collection Agency will be furnished regularly, lists showing every claim that has come to this company for collection—showing, however, name only of debtor, amount and for what commodity and also showing claims that have been paid and other information that will be beneficial to subscribers."

The officers of this poultry reporting and collection agency refer all interested persons to any bank or commercial organization of Nashville, Tenn., for information regarding the responsibility of the new company. In a letter of recent date, John A. Murkin, vice-president of the company, says: "This new company has ample financial backing and facilities for conducting a reporting and collection agency second to none in America."

MADISON SQUARE GARDEN AGAIN SECURED FOR BIG POULTRY SHOW

Henry V. Crawford, Secretary of the New York Poultry, Pigeon and Pet Stock Association, has signed contracts with the Madison Square Garden Company, New York City, to hold the 24th annual exhibition of the association in Madison Square Garden on December 31st, 1912-January 4th, 1913, inclusive.

This will be good news to the host of friends of the Madison Square Garden Poultry Show. Mr. Crawford was obliged to pay considerable more rent this year than ever before, but he considered it a wise move to secure the Garden, believing it to be the best place in the metropolis for holding a great and successful poultry and pet stock exhibition.

SPECIAL EASTERN A. P. A. TRAIN FOR THE NASHVILLE CONVENTION

The following communication is printed at the request of Robt. Seaman, Chairman of the Legislative Committee of the New York State Branch of A. P. A.:

To Members of the American Poultry Association:

As our annual meeting is to be held in Nashville, Tenn., week of August 12th, and it is quite important that all members should attend who can; and knowing it would not only be pleasant for members from this section of the country to meet at some central point and go to Nashville in one body, but we can get better accommodations and lower rates by doing so.

If you live in Pennsylvania, New Jersey, New York, or any state east thereof, and are thinking of attending the meeting, write me at once.

Very respectfully,

Robert Seaman,
Jericho, N. Y.

INTERNATIONAL ASSOCIATION OF POULTRY INSTRUCTORS AND INVESTIGATORS

The following announcement is published at the request of Raymond Pearl, honorary secretary pro tem of a committee that has for its object the organization of an international association of poultry instructors and investigators:

"The growth of the poultry industry in nearly every country of the world during recent years has been phenomenal. From being, with a few exceptions, a by-product of the farm of small value and regarded with indifference or totally neglected, the various races of poultry have proved a source of profit to agriculturists for eggs and poultry, the prices for which have been increased very largely. An estimate has been made that the annual value of the world's poultry crop exceeds one billion, two hundred and fifty million dollars, and is rapidly advancing.

"As a result of these developments, though they are to a greater extent than is commonly supposed due to educational and experimental work, there has been of late years a considerable amount of attention given by the various Ministries of Agriculture, colleges and experiment stations in different countries to the teaching of and experimental work in connection with poultry-keeping. The problems which necessarily follow increase and intensification of production are commanding the services of trained investigators and instructors, and the work which is being done is of great value. That this will rapidly advance is unquestionable.

"Such developments have been most marked in the United States. Four years ago the poultry instructors and investigators of the United States and Canada formed an association for mutual co-operation and interchange of observations and experience. The last meeting was held at Orono, Maine, in August, 1911, at which a resolution was adopted in favor of an association embracing such workers in all the countries of the world, the number of which is already considerable. It was felt that by focussing the knowledge and experience of all, the power of each would be greatly enhanced."

The names of those appointed as members of the Provisional Committee, consisting of representatives from the different countries, and announcement of arrangements for the first meeting to be held in London, England, during July, was published in the April issue of AMERICAN POULTRY WORLD. This committee has elected Edward Brown, F. L. S., Hon. Sec. of the National Poultry Organization Society of England, as the first President of the International Association. Dr. Raymond Pearl, Biologist of the Agricultural Experiment Station, Orono, Maine, is acting as Honorary Secretary, pro tem, to whom letters of inquiry from Americans and Canadians may be addressed.

PROGRAMME OF FIRST INTERNATIONAL MEETING

The following programme (subject to change) has been prepared and is published herewith at the request of Edward Brown, F. L. S., president-elect of the International Association:

PLACE OF MEETING

The meetings will be held in the Council Room of the Royal Agricultural Society of England, 16 Bedford Square, London, W., England (by kind courtesy of the Council). These will not be open to the public, with the exception of the sessions on July 18, as noted below.

WEDNESDAY, JULY 17, 1912

9 to 11 p. m. Reception by the Mar-

chess of Salisbury, President of the National Poultry Organization Society.

THURSDAY, JULY 18, 1912

10.30 a. m. General Session. (Open, by invitation only, to the public and representatives of the Press).

Address of Welcome by The Right Hon. Lord Lucas, Parliamentary Secretary of the Board of Agriculture and Fisheries.

Response by

Election of President and Secretary.

2.30 p. m. General Session. (Open to the public and Press, under same conditions as Morning Session).

Presidential Address.

Official Communications from Members of Provisional Committee.

Election of Sub-Committees as follows:—

- (a) Constitution and By-laws.
- (b) Finance.
- (c) World's Poultry Congress.
- (d) Publications.

FRIDAY, JULY 19, 1912

10 a. m. General Session.

Topic: "The History and Present Status of Poultry Instruction and Investigation."

(The entire day's Session will be devoted to the reading of Reports on this General Topic. It is expected that a report will be presented for each country represented on the Provisional Committee.)

2.30 p. m. General Session. Continuation of morning's programme.

SATURDAY, JULY 20, 1912

10 a. m. Meeting of Sub Committees.

2.00 p. m. Excursion.

MONDAY, JULY 22, 1912

10 a. m. General Session.

Topic: "The Needs and Possibilities of a Permanent International Organization of Poultry Teachers and Investigators. What should an International Association attempt to do?" (A series of papers on this topic will be presented, to be followed by a general discussion by the Committee as a whole).

TUESDAY, JULY 23, 1912

10 a. m. General Session. Continuation of the Programme on the same lines as on Monday.

2.30 p. m. General Session.

Topic: "Organization of Experimental Work."

WEDNESDAY, JULY 24, 1912

10 a. m. General Session.

Report of Sub-Committees and Discussion.

2.30 p. m. General Session. Continuation of morning subjects.

AGENDA

The following list indicates some of the more important subjects, which will be discussed either formally or informally during the meeting:—

- (1) Qualification for Membership in Association.
- (2) Organization of Affiliated (National) Societies.
- (3) Draft Scheme of Instruction.
- (4) Research and Experimental Work.
- (5) Relationships with Departments of Agriculture.
- (6) Lists of Appointments Offered.
- (7) Dissemination of Information and Experience. (Including question of an International reviewing journal or Zentralblatt for poultry literature.)
- (8) Proposals regarding World's Poultry Congress.
- (9) Standards of Breeds of Poultry.
- (10) Election of Fellows, a limited number of persons who have rendered distinguished services in the advancement of Poultry Husbandry.

The address of Mr. Brown, President-elect of the International Association of Poultry Instructors and Investigators, is as follows: Mr. Edward Brown, F. L. S., 52 Queen Anne's Chambers, Westminster, London, S. W., England.

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FRESH AIR
NO YARD
SANITARY
\$22-POULTRY
HOUSE

This House—7 feet high, 6 feet wide, 8 feet deep—a fine one for 25 hens. Just right for the backyard or vacant lot. Hens will lay the year "round" in a Potter fresh-air house. High-grade material and workmanship guaranteed. Made of inch red cypress flooring; painted two coats, complete with Potter V. E. roosts, dropboard, nests, feedhopper, fountain, etc. You could not build this house for \$25.00. Buy our factory made houses and save money. 2 Big Catalogues (132 pages and over 150 illustrations) showing Potter Portable Houses, coops, hoppers, roosting and nesting fixtures in all styles and sizes. You need Potter goods. They are made right and sell at right prices. Our catalogue mailed for two red stamps to cover postage. Write today. Potter & Co., Box E 16, Downers Grove, Ill.

OCULUM

really cures the fatal White Diarrhea, Cholera, Roup and Gapes, Sorehead and Canker. It has cured thousands of fowls and can cure yours.

Endorsed by poultry press and leading poultrymen.

"OCULUM has demonstrated its wonderful efficacy beyond any reasonable doubt."—Farm Poultry, Boston, Mass.

"OCULUM as a cure for White Diarrhea, Cholera, Roup and Gapes was demonstrated on the plants of many of the leading poultrymen, and in not one instance did it fail in its mission."—American Poultry World, Buffalo, N. Y.

"We are slow to recommend new remedies until we can personally try them out, but the strong endorsement from prominent breeders after trial is so flattering, we feel we would be doing our readers an injustice not to call attention to it."—Inland Poultry Journal, Indianapolis, Ind.

"No preparation has ever made such an instantaneous hit with poultry breeders and exhibitors as has OCULUM."—American Poultry World, Buffalo, N. Y.

"We have used OCULUM for over two years and have found it to be the most valuable remedy we have ever used for Swelled Heads, Canker, Roup, Chickpox, and it is a sure preventive and cure for White Diarrhea in little chicks. We deem it a special favor to add our testimonial to the wonderful merits of OCULUM."—Editor Poultry Fancier, Sellersville, Pa.

"Already, in fact over a year ago, such good men as Hawkins, Lathan, Smith, Bradley, Fishel, etc., have unqualifiedly endorsed OCULUM, and this year OCULUM came into the biggest show in America (Madison Square Garden) and began at once to actually cure the birds."—Reliable Poultry Journal, Quincy, Ill.

"You surely should have a large sale for OCULUM when its qualities become known."—A. C. Hawkins, Lancaster, Mass.

"There is no doubt but OCULUM is one of, if not the greatest, poultry remedies ever brought out."—U. R. Fishel, Hope, Ind.

"We will make affidavit that OCULUM performed miracles for us."—Foxhurst Farm, Lime Rock, Conn.

"I consider OCULUM an invaluable remedy."—C. H. Lathan, Lancaster, Mass.

"OCULUM is the best medicine on the market today."—J. Gaylord Blair, Carlisle, Ky.

"I heartily recommend OCULUM to all poultrymen."—J. C. Fishel & SON, Hope, Ind.

"I regard OCULUM as a very special aid to poultrymen."—Grove Hill Poultry Yards, Waltham, Mass.

"OCULUM is a smart tonic; can't keep house without it."—Arthur G. Dustin, S. Framington, Mass.

"OCULUM has done the work and I wish to publish it all over the world."—P. J. Armstrong, Chicago, Ill.

"OCULUM appears to be the long-needed remedy for liver and bowel troubles, heretofore regarded as incurable."—Bradley Bros., Lee, Mass.

"OCULUM will cure Cholera, White Diarrhea Roup and Gapes in their worst stages."—Clayton I. Ballard, White Pine, Tenn.

Prices 50c and \$1.00 per bottle, at your dealer's, or by mail; sample 10c by mail. Circular giving Government diagnosis—free for dealer's name and address. Money back quick if not satisfactory.

HANCOCK INOCULATUM CO., Inc.
Box Q, Salem, Va., U. S. A. (15)

EDITORIAL NOTES AND COMMENT

WILLIAM C. DENNY
— ASSOCIATE EDITOR —

A NEW INDIAN RUNNER DUCK CLUB

The organization of a club to represent the original English Indian Runner Duck has been announced. We understand that the name "Cumberland" will be used to distinguish the English or Penciled Indian Runner Ducks. The following temporary officers have been elected: President, C. S. Valentine; vice-president, Mrs. Andrew Brooks; secretary, C. K. Vanderbuilt. A meeting is to be held, probably at the New York State Fair, when permanent officers, including a Board of Directors representing the different sections of the country will be elected. All breeders interested in Penciled Indian Runner Ducks are invited to write to the Secretary, C. K. Vanderbilt, of Lyons, N. Y., for further information about the club, and to become members.

PHILADELPHIA POULTRY SHOW TO BE HELD IN FIRST REGIMENT ARMORY

Announcement is made that the next Philadelphia Poultry Show will be held in the First Regiment Armory, the week of December 10-14. This is the same building where the most successful show ever held by the Association took place three years ago. It is centrally located in the heart of the city where a large attendance is always assured. The management states that numerous specialty clubs have already signified their intention to hold their annual meeting in connection with the show.

The officers of the Association elected on March 20th are as follows: president, Henry D. Riley; vice-president, Frank E. Gilbert; treasurer, C. C. Kempton; secretary, Wm. H. Moore. New offices have been engaged and the headquarters of the Association moved from Mint Arcade Building to Room 902, 437 Chestnut St., Philadelphia, Pa.

BANTAM CLUB YEAR BOOK READY FOR DISTRIBUTION

In the 20th anniversary number the National Bantam Association has issued a year book that reflects credit on that organization. In addition to containing numerous illustrations of noteworthy specimens of the different varieties of Bantams and half-tone reproductions of the officers, it contains a review of the Bantam classes by prominent breeders and judges, and a complete list of the entries and prize winners at the principal shows during the season of 1911-12. This plan might well be copied by other specialty clubs when issuing their catalogues. It is a publication that will doubtless prove of interest to every fancier of the Liliputians of the poultry family. Copies may be had

by sending 6 cents in stamps to the secretary.

The officers of the Association are Hugh A. Rose, Welland, Canada, president; J. Hart Welch, Douglastown, N. Y., vice-president; Geo. L. Young, secretary-treasurer, Brooklyn, N. Y.

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A. P. A. LECTURE BUREAU WORK MAKING PROGRESS

As a result of plenty of energy on the part of G. C. Watkins, chairman of the Lecture Bureau of the American Poultry Association, work of the Lecture Bureau is assuming tangible form and probably will soon be in a position to advance the association



JOHN A. MURKIN NASHVILLE, TENN.

It has been largely due to Mr. Murkin's energy and efforts that the 37th Annual Meeting of the American Poultry Association is to be held at Nashville, called the "Opportunity City of the South." Mr. Murkin's reputation as a "publicity man" and promoter of poultry exhibitions is well known to many readers of the poultry press. His first work of national interest was in connection with the Jamestown Exposition, held in 1907, where he had charge of the poultry department. His efforts during several years as superintendent of the poultry department of the Tennessee State Fair, held annually in Nashville, have made it the most important fall poultry show held in the south. Mr. Murkin joined the American Poultry Association August 14th, 1907. He is editor and publisher of the Southern Poultry Magazine, published monthly at Nashville, a paper now in its sixth volume.

interests and become a valuable part of it.

Chairman Watkins is now at work revising the list of lecturers who have been requested to answer the following questions:

1. Do you wish to have your name continued as a member of AMERICAN POULTRY ASSOCIATION Lecture Bureau?

2. What subjects do you cover in your lectures?

3. Will you use the slides furnished by AMERICAN POULTRY ASSOCIATION and will you supplement these with slides of your own?

4. Do you own a stereopticon, or will the machine have to be secured at the place where lectures are delivered?

5. At what season of the year will your services be available?

6. What are your terms?

A forty page folder containing an illustrated list of slides that may be obtained from the secretary, a list of the lecturers, together with the data asked for in the above questions will soon be issued by the association. All who are interested, particularly those who are doing lecture work, should write to the chairman for further information. Address G. C. Watkins, Chairman of Lecture Bureau, Fort Smith, Ark.

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CHICAGO SHOW TO INTRODUCE A NEW ATTRACTION

Another inducement, "Championship Specials," is announced for exhibitors at the next Chicago Poultry Show, in the following press notice sent out by Secretary Theo. Hewes:

CHAMPIONSHIP SPECIAL

The Great Coliseum Show, has a new feature for 1912, and one that should appeal to the fanciers from all sections of the country. In many of the important classes there is a cash prize offered for the championship male and female. This prize may be won by cock or cock-erel, hen or pullet, and the winning specimen may be in the single or breeding pen class, but must be, in the opinion of the judge, the best individual bird of its sex in the class in which it competes.

This prize is offered by the breeders, independent of cash and specials offered by the Association, and in several of the classes this cash special already amounts to quite a tidy sum. Barred Plymouth Rocks have now \$60.00 to their credit with other popular varieties only a little behind.

Any breeders that intend exhibiting at Chicago can donate to this special fund, and all exhibitors are eligible to compete. The only restriction is that not less than \$5.00 will be accepted from any contributor and the name and address of all of those who contribute to the fund will be printed in the premium list.

A number of specialty clubs have already voted to meet at Chicago, and others are now taking a vote on this important question, and with a list of judges, the best we believe that was ever selected in any National show, no specialty club need hesitate to bring their meeting here as out of our list can be selected the judge or judges that are considered the best in this country for the several varieties. The premium list with a complete list of classifications and judges assigned will be ready for mailing Nov. 1st. Entries close Nov. 25th. Remember the dates, Dec. 12 to 18, 1912, and please remember the name: "THE GREAT COLISEUM SHOW," Chicago, Ill.

The present Chicago management has done and is accomplishing much for the Standard-bred poultry industry in the middle west. As a result of business methods and progressive ideas the Chicago Show has become

in fact as well as name, one of America's foremost and best shows.

THE CITY OF OPPORTUNITY

Members of the A. P. A. and visitors attending the annual meeting to be held at Nashville, the week of August 12th, will visit one of the most interesting and progressive cities of the south. Nashville was named for Gen. Francis Nash of North Carolina, an American soldier of the American Revolution who was mortally wounded at the battle of Germantown, Pa. The city is situated on the Cumberland river 200 miles from where that stream enters into the Ohio.

The first forts of the first settlers were on the Cumberland River Bluffs beyond the city. At this point the great "Battle of the Bluffs" was fought in 1781.

The "City of Opportunity," as residents of Nashville love to call it, has a population of 115,000 and is growing at a rapid pace. It is the center of four important railroad systems and with over 600 factories is one of the greatest manufacturing cities of the south, leading in the manufacture of iron, flour, leather and fertilizers.

An attendance of over 20,000 students is claimed for the colleges and seminaries located in the city, which is reputed to be the educational center of all the south and one of the most important of the country, being exceeded only by New York City in the number of institutes of higher learning. Located at Nashville are Vanderbilt University, the University of Nashville, the Peabody College for teachers, the medical and law departments of the University of Tennessee. In addition are the following institution of learning for colored students; Fiske University, Roger Williams University and Mehary Medical College. There are also numerous seminaries for young women and many preparatory schools.

Nashville and the surrounding country abound in historical incidents to interest and delight visitors and with the hospitality for which the south is famous, those attending the next convention are sure to find plenty to make them happy.

INTERNATIONAL ASSOCIATION OF INSTRUCTORS AND INVESTIGATORS IN POULTRY HUSBANDRY

At the fourth annual meeting of the International Association of Instructors and Investigators in Poultry Husbandry, the following officers were elected for ensuing terms:

President, F. C. Elford, MacDonald Agricultural College.
First Vice-President, F. H. Stoneburn, Connecticut Agricultural College.
Second Vice-President, Horace Atwood, W. Va. Experiment Station.
Sec'y-Treas., Homer W. Jackson, Pennsylvania State College.

Directors, 1910-1912: T. E. Quisenberry, State Poultry Experiment Station, Mountain Grove, Mo.; J. G. Halpin, University of Wisconsin, Madison, Wis.; Raymond Pearl, Maine Experiment Station, Orono, Me.

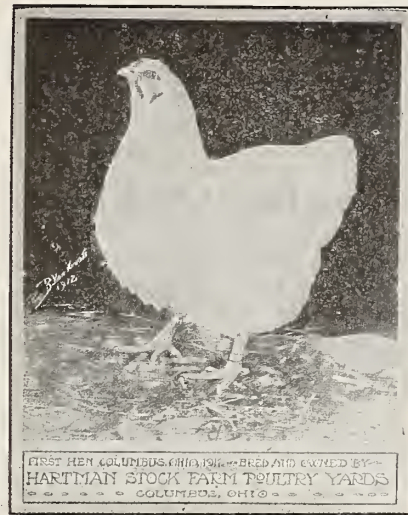
Directors, 1911-1913: W. R. Graham, Ontario Agricultural College, Guelph, Ont.; James E. Rice, Cornell University, Ithaca, N. Y.

Committees have been appointed as follows:

Committee on Instruction: J. G. Halpin, Madison, Wis., (chairman); W. F. Kirkpatrick, Storrs, Ct.; W. E. Vaplon,

Ft. Collins, Col.; R. H. Waite, College Park, Md.; D. J. Lambert, Kingston, R. I.

Committee on Feeding: Horace Atwood, Morgantown, Va., (chairman);



Several of the popular varieties of poultry are to be found on the Hartman Stock Farms, Columbus, Ohio and each variety is as carefully bred as if it was a specialty. The White Wyandottes are among the breeds kept and the hen illustrated above is one of their many prize winners.

W. A. Lippincott, Manhattan, Kansas; Miss Clara Nixon, Ithaca, N. Y.; C. A. Rogers, Ithaca, N. Y.

Committee on Breeding: L. J. Cole; Madison, Wis., (chairman); C. B. Davenport, Cold Spring Harbor, N. Y.; Raymond Pearl, Orono, Me.; W. R. Graham, Guelph, Ont.; A. G. Phillips, Lafayette, Ind.

Committee on Legislation: F. H. Stoneburn, Philadelphia, Pa., (chairman); W. F. Kirkpatrick, Storrs, Conn.; Dr. A. A. Brigham, Brookings, S. D.

Committee on Marketing: W. A. Lippincott, Manhattan, Kan.; F. C. Elford, Buffalo, N. Y.; H. A. McAleer, Phila-

delphia, Pa.; C. L. Opperman, Washington, D. C.

Committee on Houses: C. A. Rogers, Ithaca, N. Y., (chairman); F. S. Jacoby, Columbus, Ohio; H. R. Lewis, New Brunswick, N. J.

Committee on Bibliography: Miss Clara Nixon, Ithaca, N. Y., (chairman); Victor Fortier, Ottawa, Canada; R. R. Slocum, Ithaca, N. Y.; J. M. Turpin, Logan, Utah; Dr. Raymond Pearl, Orono, Me.

Committee on Diseases and Parasites: Dr. P. B. Hadley, Kingston, R. I., (chairman); Dr. G. E. Gage, Amherst, Mass.; W. F. Kirkpatrick, Storrs, Ct.

Committee on Investigation: Jas. E. Rice, Ithaca, N. Y., (chairman); Dr. Raymond Pearl, Orono, Me.; J. G. Halpin, Madison, Wis.; Horace Atwood, Morgantown, W. Va.; Dr. P. B. Hadley, Kingston, R. I.

Committee on Incubation: W. R. Graham, Guelph, Ont., (chairman); Jas. E. Rice, Ithaca, N. Y.; Dr. Raymond Pearl, Orono, Me.

Committee on Publication: The President (ex-officio); Raymond Pearl, Orono, Me.; C. A. Rogers, Ithaca, N. Y., (editor); the Secretary-Treasurer (ex-officio).

By vote of Executive Committee, the fifth annual meeting will be held at Michigan Agricultural College, East Lansing, Mich., June 26, 27 and 28. It is hoped that there will be a full attendance. An interesting program is being prepared. Papers will be presented by competent home and foreign authorities and many matters of interest and

Midlothian White Orpingtons

Chicago First Prize Winners. Reduced prices on stock and eggs for balance of season.

Midlothian Farms, John G. Poorman, Mgr., Tinley Park, Ill.

IF INTERESTED

In White Rocks that are full of vigor and vitality—that win, lay and pay—write

L. C. Bonfoey, Box A, Vernon, Conn.

For Over 20 Years

Elm Poultry Yards

HARTFORD, CONN.

Have been producing prize winning birds. Write for free bulletin describing our 30 popular varieties.

Bown's Columbian Rocks

are as near perfection as skill and painstaking mating and breeding can make them. I have hundreds of youngsters now growing to win blue

ribbons for you next season. Place your orders now.

Lew H. Bown,

Columbian Rock Specialist,

East Aurora, N. Y.

Summer Sale of Blink Bonnie S. C. White and S. C. Buff Leghorns

Note the prices. A fine lot of two year old breeders at 75 cents each. Choice yearling breeders at \$1.00 each. Also a few cockerels at \$3.00 each. Order direct from this "Ad". First come first served.

Scotch Collies for Sale.

BLINK BONNIE POULTRY YARDS,

Box W,

BATH, PA.

URBAN FARMS

White Rocks, Black Langshans, Mottled Anconas and Silver Campines

are the best that care and systematic breeding can produce. Our record on these varieties at the Great International, Buffalo, N. Y., 1912, has never been approached and sets a mark for others to strive for. Let us help you reach it. Hatch your next winter's winners now, from our eggs. Mating list and prices free.

URBAN FARMS,

Pine Ridge,

BUFFALO, N. Y.

Mount Pleasant Farm SINGLE COMB WHITE LEGHORNS

BRED TO LAY

EGGS FOR HATCHING

DAY OLD CHICKS

TEN WEEKS OLD PULLETS READY FOR DELIVERY

SPECIAL REDUCED PRICES ON SPLENDID BREEDING BIRDS

Send for our FREE BOOKLET, pronounced by experts the best work on Modern Successful Poultry Farming; also our new Booklet, "A Few Points for Amateur or Expert".

Mount Pleasant Farm,

Mount Pocono, Penna.

importance to members will be discussed.

Attention is called to the fact that the coming annual meeting is to be held the week preceding the opening of the Post Graduate School at Michigan Agricultural College, which doubtless many members will plan to attend.

In accordance with Article 4 of the By-laws, the following proposed amendments are submitted to members, action on which will be taken at the coming annual meeting:

Amendment by Dr. Raymond Pearl: That Article I, Section I, be amended by substitution of word "American" in place of "International," and any further changes in constitution which shall be necessary in order that there may be uniformity throughout shall be correspondingly made.

Amendment by Professor C. A. Rogers: That Article V, Section I, be amended to read, * * * and the dues shall be \$2.00 annually thereafter, payable on or before the date of the annual meeting.

The Proceedings of the Third Annual Meeting are now in press. Every paid-up member who has joined previous to the third annual meeting (July, 1910), is entitled to one copy, which will be forwarded as soon as issued. Additional copies can be secured on payment of price, \$2.00 per copy. Members who have joined since July 1910, who desire copies, and all who desire extra copies are requested to remit price and shipping directions at once to the Secretary-Treasurer, Homer W. Jackson, 389 Norwood Ave., Buffalo, N. Y.

A. A. CARVER, SEVILLE, OHIO

A breeder of prominence in the Red business is A. A. Carver, Lock Box No. 2, Seville, Ohio. This gentleman breeds both Rose and Single Combs and makes the poultry business practically his sole occupation. By careful methods blood lines have been established that reproduce themselves, thus making the production of quality stock a certainty. Mr. Carver's plant is well equipped and the youngsters have that vitality so much desired that is realized to the fullest by giving the stock unlimited range. Particular care in producing both the winning type and winning color is evidenced by the heavy winnings of this gentleman's stock at the recent big Cleveland show. Mr. Carver was in the happiest kind of a mood at the Cleveland show and he had good reason to be winning as he did a big portion of the prizes, including firsts and specials. His Rose Comb hen was a sensation and stood out a prominent feature. Another little point that Mr. Carver prides himself on, and that is, the neat combs his flock carries. While this is not the whole thing, good head-gear on a bird enhances its appearance and is sure to be one of the points to please a customer. The June hatched chicks will be the winners at next winter's shows so those interested in Reds should send for a mating list as Mr. Carver is in a position to furnish eggs that will produce quality chicks. Those interested should keep an eye open and get a line on the surplus breeding stock a little later in the season.

SPECIAL JUNE SALE OF WHITE WYANDOTTE STOCK AND EGGS

June hatched chickens often make the best breeding and exhibition birds, and this season especially thousands of chickens will be hatched in June and July to make up for the disastrous spring hatches of 1912.

Another advantage in setting eggs in June and July is that they can be purchased at a much lower price.

John S. Martin, whose Regal White Wyandottes are famous from the Atlantic to the Pacific Coast, has issued a special June sale of breeding stock and egg circular, in which eggs are quoted at half price after June 1st, and many choice lots of breeding males and females are offered, including several of Mr. Martin's noted winners, which are offered at such remarkable prices that White Wyandotte breeders should not fail to send for the descriptive list of the birds at their first opportunity, as

stock of Regal strain is always in demand. No better or more profitable investment can be made than to purchase a good pen of White Wyandottes now. They will lay eggs enough to produce a nice lot of June and July chicks, which will more than pay for the cost of the pen. Write to John S. Martin, Port Dover, Canada, for further particulars.

JENKS' S. C. R. I. REDS

win 1st cockerel, 1st hen, 2nd cock, 2nd pullet at New York State Fair, 1911. Eggs for hatching and day-old chicks. Mating list free.

A. L. JENKS, ITHACA, N. Y.

Corning Real Chick Food

Is one of the reasons for the tremendous success of the Corning Egg Farm. Write for Free Illustrated Booklet. Corning Egg Farm, Bound Brook, N. J.

RILEY'S ROSE COMB REDS

Winners at International, Buffalo, State Fair, Syracuse and Pittsburgh. Color and shape to spare. Best eggs balance of season \$5 per setting. C. E. RILEY, 380 William Street, BUFFALO, N. Y.

Publishers of American Poultry World:

Please announce to your readers that I have taken up the breeding of S. C. Rhode Island Reds and have secured best stock obtainable. I often visit the home of Geo. W. Tracey, Kinderhook, N. Y., and have seen many of the birds produced by Mr. Tracey win Blue Ribbons at Madison Square Garden, New York, and to my certain knowledge prominent breeders in all parts of the United States have secured stock and eggs from Mr. Tracey. Owing to Mr. Tracey's duties for American Poultry World he will not be able to devote much attention to the raising of chicks, consequently I consider that we were very fortunate in being able to purchase three matings that he had put together for his own use. These matings are as strong as can be found in the country and many of the females in these pens are closely related to the winners at the last Madison Square Garden Show. In order to get acquainted with Rhode Island Red breeders, will spare a limited number of eggs at \$5.00 per setting.

We will continue breeding Barred Rocks and beg to state that our matings this season are the best in our history. Will sell eggs from both cockerel and pullet matings for the balance of the season at \$3.00 per setting. Further information cheerfully furnished.

HARRY HAYNER, Prop., JONAS HAYNER, Mgr., Livingston, N. Y.

AT HALF PRICE "PARKS" BRED-TO-LAY BARRED ROCKS EGGS AND CHICKS



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MRS. MARK S. BREWER, Mich.

"By using your remedy, I have not lost a single chick with White Diarrhoea this Spring out of 500 hatched."

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Send only 6 cents in stamps to cover cost of mailing. Remember you get a full sized box. Write immediately.

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45 Plymouth Street,

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One \$5.00 Cockerel FREE with each order. Hens to be shipped at once, but cockerel not until fall. Five hundred hens right from my 38 matings must be sold at once to make room. Buy now, and have the use of the birds until spring, then your pen will be worth \$10.00 more than you paid. Remember, these birds represent the highest degree of exhibition breeding and will themselves score 92 to 94 points. Will send score card (by myself) with each hen. Send your \$15.00 to-day and if after owning the six hens one week you are not fully satisfied of their superiority over ordinary Leghorns or any other fowl in vigor, beauty and capacity for laying large eggs in great number, return them to me and I will refund your money promptly—willingly.

6000 Blue-blooded Chicks sired by my New York, Kansas City, Chicago, Omaha and Indianapolis winners now growing. Contract with me for your fall show birds. I will guarantee you winners for any show East or West. I have furnished the "big winners" for fifteen years. You are SURE TO WIN with my strain. 24-page Catalog Free.

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THE MALINE FOWL

The neat little booklet issued by J. R. Kennedy, Scarborough, Ontario, Canada, gives many interesting facts on the noted Belgian breed of poultry, "The Malines," which Mr. Kennedy is breeding extensively across the border.

The Maline fowl of Belgium is an all around breed, that fills the same place in that country the Orpington occupies in England. It is claimed to be pre-eminently the table fowl par-excellence of Europe, the structure of the bird being a soft succulent skeleton that can be easily cut, not broken. It is also a very good winter layer, the eggs weighing 24 ounces to the dozen. They are brown in color. Mr. Kennedy is breeding the following varieties of Malines: Turkey-Headed, Black and Single Combed White. The weights of Malines average for the cock bird about 11 to 14 lbs.; the hens 8 to 11 lbs., the cockerels 9 to 11 lbs. and the pullets 8 to 10 lbs.

Readers of AMERICAN POULTRY WORLD can obtain this valuable booklet free by sending their name and address to J. R. Kennedy, Scarborough, Ontario, Canada.

STAUFFER BROS., APPLE CREEK, O.

Stauffer Bros., R. D. Box 108, Apple Creek, Ohio, have been breeding Black and White Orpingtons a number of years, the Blacks being bred on one farm and the Whites on another. These gentlemen have built up a reputation for square dealing and have pleased customers in both stock and eggs all over the country. Quality counts and this farm surely has it. At the late Cleveland show their first prize winning Black Orpington cockerel was a star and won out in a hot contest by being awarded the A. P. A. medal for the best cockerel in the American, Asiatic, Mediterranean and English classes. Their birds run very even in type all the way through the flock and this is a necessary point for Orpingtons have an individuality in shape all their own. If not having already done so it will be well to send for Stauffer Bros. catalog and it will be found of interest and profit. The egg season this year will be prolonged and now is the time to hatch and it is none too late.

HARTMAN STOCK FARMS

Announcement is made by E. T. Jacobs, superintendent of the poultry department of the Hartman Stock Farm, Columbus, Ohio, that for the balance of the season, eggs by the setting will be reduced one-half in price and eggs from utility pens will be disposed of at \$1.00 per one hundred. At these prices eggs are included from any of the varieties listed in their catalog, among which are Single Comb White Leghorns, Buff and White Wyandottes and Barred Plymouth Rocks. These farms have exhibited very extensively and have always succeeded in capturing a large share of the ribbons. The past season was no exception and they won very heavily on the varieties listed above, the Buff and White Wyandottes especially. When sending in your order, address as above, and mention AMERICAN POULTRY WORLD.

GREAT SALE OF SILVER GREY DORKINGS

No finer four yards of Silver Grey Dorkings than those owned by M. R. Jacobus, Ridgefield, New Jersey, can be found in this country. The splendid exhibits made by Mr. Jacobus at the New York and Boston Shows in the past will be remembered by admirers of this grand old English breed, and

now that r. Jacobus is compelled to sell the entire flock, owing to the fact this his Silver Campines need all the room available, a rare opportunity is afforded to purchase Silver Grey Dorkings of the best blood, at very reasonable prices. The four yards are offered for sale at prices ranging from \$125.00 down to \$35.00 per pen.

SCRANTON'S REDS

B. H. Scranton, Box P. W., Rising Sun, Indiana, reports a most successful egg trade and has out nearly one thousand and Single Comb Reds, many already of good size. Mr. Scranton's phenomenal win at the last Chicago show where he made a record seldom approached of carrying away five firsts, placing him in the very top-notch class of breeders in this country. His winning matings will be held intact for two months yet and it is none too late to order one or more settings. Give the chicks shade and they will thrive like weeds. The best colored Reds are the late hatched ones.

THE GLEN POULTRY FARM

We are advised by F. M. & H. L. Palmer, proprietors of the Glen Poultry Farm, Brighton, N. Y., that they have purchased a new one hundred acre farm and will move to the same in the very near future. On account of moving they offer for quick disposal 150 of this year's breeders. These birds will be sold at remarkably low prices as it is absolutely necessary that they be disposed of immediately. For further particulars write The Glen Poultry Farm, Brighton, N. Y., and mention AMERICAN POULTRY WORLD.

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Why raise common poultry when we will start you with the Philo System and GIVE YOU FREE six thoroughbred White Orpington baby chicks and brooder. These White Orpingtons are from Mr. Philo's own yards—the kind that are making fortunes for those who keep them. To show you how you can make money with the Philo System, we will send you the Philo System Book, our new book, "Making Poultry Pay," A Little Poultry and a living, and the Poultry Review one year—twelve issues—all for \$3.00 and in addition will send you free 6 thoroughbred White Orpington Baby Chicks, a fireless brooder, with two galvanized feed and water troughs, and a package of baby chick food. Mail order today and let us help you start the best business in the land.

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EDITORIAL NOTES AND COMMENT

J. H. DREVENSTEDT

—STANDARD EDITOR—

Roses and chickens are usually at their best in the month of June, for it is the season of the year when the days are the brightest and the nights the shortest. There is nothing so rare as a day in June, but unless the weather trust furnishes us with a rapid change in the brand of weather we have been shivering in since last fall, there will be none of the "rare days in June this year"; roses will linger in the bud and chickens will hover in the brooders instead of developing under the bright skies and the warm summer sun.

It has been the worst season poultry raisers have experienced in many years, the intense cold of the winter and the raw, damp, chilly weather which prevailed through the spring months, being responsible for the smallest early crop of chickens ever produced.

Not only have many of the commercial poultry growers suffered serious losses from poor hatches, but breeders of Standard-bred poultry have fared no better. This failure of the early crop of chickens means a big shortage in the supply of exhibition specimens for the fall and early winter shows. High class show cockerels and pullets will command good prices and meet with ready sale.

No doubt thousands of chickens will be hatched this month and these will have to furnish the winners at the winter shows and replenish the breeding yards of poultry raisers. In most localities of the North, East and West, June is one of the best months to start young chickens in their growth, so that with a little extra vigilance and care, the late crop ought to make-up in quality, if not in quantity, the deficit of the early output.

We believe this experience may prove a blessing in disguise, as the value of later hatched chickens will be more apparent, and the futility of trying to hatch and rear chickens too early in the season will be demonstrated.

The hatching of chickens like playing baseball, ought not begin too early in the season.

—O—

Is there an egg type? is a question that has been asked but not satisfactorily answered, ever since it first appeared in the agricultural and poultry press over twenty years ago, down to the present day. Theories have been advanced and so-called systems employed that were supposed to tell just what kind of a biddy had the

correct shape to make her an ideal exponent of the so-called "laying type." But practice and theory do not always nick, neither do the "systems" of selecting layers pan-out successfully. As far back as 1891, we made the statement in "The Rural New Yorker" that we could not conscientiously say that any certain type or shape of hen is superior to another as regards egg production, and that the only safe way is to keep an egg record.

What we believed then, we believe now, and until we are confronted with a successful, practical demonstration of how to select the "egg type" female by the external bodily appearance, we will keep on being from Missouri.

When we ventured our opinion in 1891, it was based on nearly seven years of close observation of the fowls on our farm in Orange County, New York. The varieties we bred during that period were Silver Wyandottes, White Leghorns, Houdans and Andalusians. As we annually bred and raised more Silver Wyandottes than of the other varieties, this new variety was most closely observed, especially as it was by far the best layer on the farm. We remember selecting one pullet as a foundation for laying strain. This pullet we purchased of A. C. Hawkins as an exhibition specimen, and at that time, she was considered one of the best in color markings to be found in the East. This pullet was large in size, with the long back and body of the earlier Wyandottes, but showing a finely arched neck, deep and well rounded breast and nicely formed hocks, one of those useful looking kind that the "egg typists" would enthuse over. This pullet started to lay late in the fall, and laid such a good sized, well shaped, brown egg that we kept close watch of her, with the result that she proved to be the best layer of the flock, producing fourteen eggs in fifteen days, and averaging about 4½ eggs per week during the winter months. None of the eggs from this pullet were sold, but all were set, so that we obtained a good flock of pullets next fall from the chickens hatched from her eggs. Most of the pullets proved to be excellent layers, but few equalled the mother in shape or color, in fact, we had them in all shapes and sizes, which was to be expected in such a comparatively new breed as the Silver Wyandotte was in 1884, and a few years later, we were firmly convinced then that shape did not influence the egg yield, and subsequent observations with other varieties strengthened our convictions that "egg type" was a myth.

F. W. Briggs, manager of the Pittsfield Poultry Company, who enjoys the reputation of being one of the most skillful breeders of Barred Plymouth Rocks, both for exhibition and utilitarian purposes, informs us that he has always found the birds that nearest approached the Standard for shape were the best egg producers. The matter of size does not seem to apply so much, as he has found small hens excellent layers of good large eggs and occasionally an extremely large hen is a good layer, but not often. Mr. Briggs thinks that the best layers would probably turn out to be the ones that are of good Plymouth Rock Standard type and weighing about 5½ pounds, and that it has not been his experience that hens with abnormal shapes proved themselves to be good layers, although the picture of Prof. Gowell's big layer seems to prove the contrary. A good layer according to Mr. Briggs should have a long back, wide stern and a good long keel bone. If the conclusions arrived at by Mr. Briggs, that the Standard type Plymouth Rock is the best laying type are correct, there should be no great obstacle in selecting a superior laying strain of females that are uniform in shape if not in size, the better layers however, being below the Standard weight according to Mr. Briggs' experience. To sum up the egg type of Plymouth Rocks, would be a hen weighing 5½ pounds, having Standard shape.

Thos. B. Elliott, Secretary of the Buff Plymouth Rock Club, is of the opinion that there is no egg type for the Buff Plymouth Rock today, but believes such a type is possible, if breeders will pick the dark brown eggs of above medium size for hatching, as it would take up very few seasons to establish a decided distinct type.

While this method of selection will no doubt result in obtaining a strain of good layers, the type of the latter may vary greatly in the individual specimens.

In the Bulletin just issued by the Department of Agriculture, Pennsylvania, "Increasing The Winter Yield of Eggs", the author, W. Theo. Wittman, expresses the following views on the question of Egg Type:

"Is there an egg type? There is, but we are not as well acquainted with it or have it to the extent that we should or will have after a few more years of trap nest and pedigree breeding * * * More attention has hereto been paid to Standard type or to show type than to egg type or utility type. For instance thousands of poultrymen have very definite and positive knowledge as to what con-

WOOD'S WHITE WYANDOTTES
USEFUL AND BEAUTIFUL

Excellent layers and show birds. Each season's stock and eggs from my yards go to improve some of the best known flocks in the country, which should be convincing evidence that Wood's White Wyandottes are all (and more) than is claimed from them. Foundation stock a specialty. Extra fine breeders at special prices. Eggs now half price, \$2.50 per 15. Farm raised. Trap-nested. Established 1892. Breeder of DOBERMAN POLICE DOGS, the dog with human intelligence. The natural protector of his master and his master's property. **F. H. WOOD, Station D, CORTLAND, N. Y.**

stitutes Wyandotte type or Orpington type, but few have as definite an idea as to a laying type. Even the Leghorn type, fixed by the Standard of show room excellence, does not particularly exemplify the laying type or egg type in several sections. There is strenuous objections in some quarters to the present Standard of show room Wyandotte type, making the breed as it does, short with broad back and deep, round body, spoiling it for heavy egg production, as being in radical contradiction to our accepted egg type."

Mr. Wittman does not describe the egg type in words, but refers readers of the Bulletin to four pictures of White Leghorn hens which represent the "egg type" that seems to be favored by many poultry experts. This type of bird is wedge-shaped in body with legs well apart, long back and keel line, showing full breast. The combs are large and the birds are also larger, if not coarser than the Standard type.

What Mr. Wittman says of the Standard Wyandotte type, will be approved of by many breeders, as the round or "bally" shape of Wyandotte is less beautiful than the old Standard type, so well illustrated in the 1905 Standard by Franklane L. Sewell, the graceful curved lines of the breed blending harmoniously in all sections of the male and female.

But feathers often create a shape that makes the specimen appear round or "bally" when it really has the length of neck, back and body so dear to the heart of the "egg typist," after the feathers have been removed. It is the outward signs that are misleading in this case and no expert would stake his reputation on proclaiming the "round house" Wyandotte a poor layer by this surface examination alone. In judging dairy cattle, we may have the wedge shaped, long bodied and generously hipped body an ideal milch cow is supposed to possess, but unless she has the soft hide, well developed milk veins and capacious udder, the milk type is misleading.

Charles D. Cleveland, an exceptionally close observer and keen student of the habits of fowls, in his excellent article on Wyandotte Type, which appeared in May AMERICAN POULTRY WORLD, remarks:

"It is not the longest bird, or even the long bird, that will lay the most eggs or put on the most pounds of meat—it is the strain that determines these qualities. Some of the long ones are poor layers and so are some of the short ones, but most of either sort will give splendid results if the right blood is in the veins."

The black face is ours, and is used to emphasise what we believe is the correct and only method of selec-



The above illustration conveys a good idea of the neat and substantial construction of the buildings and the attractive arrangement of the grounds at Maple Farm, Tinley Park, Ill. The building shown herewith is the main one and contains the incubators, brooders and a portion of the laying pens. Besides this main building there are scores of colony houses of the curtain front type, conveniently arranged in rows and supplied with generous grass runs in which the breeding stock is kept.

tion for the foundation of a superior laying strain of fowls.

—o—

At the New York State Fair last year over six thousand specimens of Standard-bred and ornamental fowl were exhibited. The quality of the exhibits, as at past State Fairs, was of the very best in the leading classes. To determine the relative popularity of the different breeds, the entries at this large and representative exhibi-

tion will furnish a fairly reliable guide.

The 1911 catalog of the New York State Fair gives the following number of specimens in each of five most popular breeds: Leghorns 881; Wyandottes 561; Orpingtons 418; Plymouth Rock 339; Rhode Island Reds 263. In 1910 the Wyandottes led with 654 specimens, the Leghorns being second with 590; Orpingtons numbered 259, but Plymouth Rocks and Rhode Island Reds were only a

ENGLAND'S OLDEST FOWLS---RED DORKINGS

These birds the Romans brought to Britain, are the most beautiful of the best table breed. Cocks black-breasted reds of eight pounds; hens black-spangled reds of six. Heavy layers, winter and summer, of white eggs. Cockerels, five dollars up. Sitings of fifteen, first pen, five dollars; second pen, two dollars. Write for new sort of circular to

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WHITE CRESTED BLACK POLISH

BUFF WYANDOTTES

Winners at St. Louis, Mo., Williamsport, Pa., and New York. Eight grand pens mated. Illustrated catalogue Free.

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EAST RANDOLPH, N. Y.

SILVER WYANDOTTES EXCLUSIVELY

Layers. We can furnish you stock at all times. No eggs or day old chicks, Send for Catalogue.

A. & E. TARBOX,

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SPECIAL SALE

ONLYA FARM WHITE WYANDOTTES

On account of moving to our new farm, will dispose of a large number of selected breeders at bargain prices. Females, \$2 to \$3 each; Males, \$3 to \$5 each.

EGGS, EGGS, EGGS, prices cut in two. Order at once and get Onlya Farm quality at market quality prices—Unmarked eggs \$5 per 100. Order at once and avoid disappointment.

ONLYA FARM, Chas. Starff, Mgr.,

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MORRISTOWN, N. J.

IF YOU WANT THE BEST

S. C. WHITE ORPINGTONS S. C. WHITE LEGHORNS

Send to Dune Alpin Poultry Farm. 14 firsts, 7 seconds, 7 thirds, 5 fourths, 4 fifths and 8 silver cups at the last Boston and Grand Central Palace, New York, Shows, proves that we have the best. Send for Catalogue.

DUNE ALPIN POULTRY FARM,

Box W,

EAST HAMPTON, N. Y.

Partridge Rocks

America's Leading Strain. Read Our Great Madison Square Garden Record before buying Stock or Eggs. Catalogue. Mating List. BIRD BROS. Box H, MYERSDALE, PA.

Bronze Turkeys

trifle below the number of 1911 entries.

These figures prove the rapid growth in popularity of the Leghorn and Orpington at least in the Empire State. The only breed to lose ground is the Wyandotte, the entries falling nearly one hundred short of the previous year. The fact of New York City being the great white egg market of the East no doubt, has materially helped to popularize the Leghorn, especially the White variety. The Minorcas, Anconas and Campines, are also becoming more popular for the same reason in New York and its neighboring states, New Jersey and Pennsylvania.

The Orpington to a certain extent has affected the popularity of the Wyandotte, as aside from its boom as a show bird, it has proved its practical value as a market fowl, owing to the fact that the ancient prejudice against white skinned carcasses is slowly but surely dying out. As Orpingtons are also first rate layers, the breed is bound to maintain its popularity even if it does not greatly increase it in the future. That it will prove a strong competitor as an all-purpose fowl of the Wyandottes, Plymouth Rocks and Rhode Island Reds, must be obvious to breeders of the latter who compare the entries of these breeds at our leading poultry exhibitions and count the advertisements of Orpington breeders in the poultry paper.

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Excepting a comparatively few chickens hatched last month, the season for hatching and raising Bantams properly begins in June and extends through July and August. The early hatched Bantams are what can be termed "fillers" for the fall shows, being principally exhibited by the big string men who make the circuit of the fairs and who find the cash premiums offered on Bantams a most tempting inducement to fill in with a full string of the little fellows. Bantams can be carried in large numbers on the road at considerably less expense than the larger breeds, besides the competition, as a rule, is not as strong as in the latter.

A first class string of Ornamental and Game Bantams will win many dollars on a fall show circuit, but only experienced breeders and showmen know how to handle and exhibit the many varieties to the best advantage, which accounts for the success of such large exhibitors as Hugh A. Rose and James Glasgow at the big State Fairs and Expositions.

If the smaller breeders would devote as much care and study to mating, breeding, conditioning and exhibiting their Bantams as the big guns do, the competition would become much stronger, which would result in a greater interest in Bantam culture.

Competition is the life of trade, is an old but not always correct saying, but in the poultry business we believe it applies more generally and proves more beneficial to those engaged in it than in any other trade. The Standard-bred poultry business of America owes its present prosperity to the poultry exhibitions. The latter owe their existence to competition between exhibitors of the different varieties of fowl. The larger the entries are, the greater the competition is, as a rule. Bantam fanciers should bear this in mind and make it a point to exhibit their pets at as many shows as possible each year. Increase the entries and the business is bound to increase. Bantam culture is still in its infancy in the United States, but thanks to the efforts of the National Bantam Association, a greater interest is being manifested each year in the exhibits of Bantams at the club shows, but this only is a beginning and is still confined too much to a few of the greater Eastern and Canadian Shows. Inducements by the managers of the smaller shows, equal to those offered on the popular and larger breeds, should be allowed to the Bantams. It costs just as much to enter a Bantam as it does a Brahma, Rock, Wyandotte, Orpington or any other large fowl, yet the special prizes offered always go to the favored and popular classes, that will fill the coops regardless of special inducements, while the "Banties" must rest content with the regular cash premiums, to which often the string of "these to fill or no first money" will be attached.

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Partridge Orpingtons are the latest addition to the list of Orpington varieties. The first American strain originated in California with Goodacre Bros., who used an English Bred Partridge Wyandotte hen in one cross,

but the real foundation of his Partridge Orpington, A. G. Goodacre says, was a Single Comb Partridge Wyandotte cockerel, mated with two Buff Orpington hens, the latter having penciled backs. Mr. Goodacre exhibited the first Partridge Orpington, a pullet, at Los Angeles, California, in 1909, and has exhibited specimens each succeeding year at the large shows on the Pacific Coast, so he can claim some of the glory that falls to originators of new varieties. The feathers from one of the female Partridge Orpingtons Mr. Goodacre sent to us, are well penciled and good in color, far better than we expected to find in such a very new production. The originator, however, is making several other crosses to bring the penciling and color up to the highest Standard requirements.

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W. B. Atherton, manager of the Boston Show, fully realizes the importance of the Bantams at the Hub's

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Silver Duckwing and S. C. Buff Leghorns America's Best

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LEROY E. SANDS, Successor to Sands & Beilman,

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HAWLEY, PA.

great annual poultry exhibition and proposes to make the 1912 exhibit of Ornamental Bantams the greatest ever, penned in Mechanics Building. Special inducements will be offered to exhibitors to send entries that should fill all classes with specimens from many yards. Manager Atherton has also been fortunate in securing H. A. Rose, Canada's most famous breeder of Bantams, to place the awards at Boston. The fact of Major Rose not being an exhibitor should encourage other breeders to enter and get the benefit of his excellent judgment of their birds.

PRODUCING NEW VARIETIES OF POULTRY

By George H. Brackenbury

(Continued from page 777)

state and was made up of Indian Game male and Silver Laced Wyandotte females. It was made when the Golden Laced Wyandotte was just beginning to boom. The result of this mating was very interesting indeed. I only saw the pullets, all were of the same shape, about half way between the Indian Game and Wyandotte in type, nearly all were pea-combed, all had Golden or Chestnut colored centers or ground color heavily laced and rich glossy black lacing—to these pullets the breeder had mated a Golden Wyandotte male. What have you here? I asked, "Oh an experimental mating," was the reply.

I have often wondered whether his purpose was to produce Golden Wyandottes on a larger scale or to produce a strain of Wyandottes having the rich glossy green-black lacing of those pullets. Whatever his purpose the final result of the Indian Game-Wyandotte cross when reduced to one-fourth or one-eighth of the Indian Game blood might bring most desirable results.

ORIGIN OF BLUE LACED WYANDOTTES

Another experiment highly interesting to others as well as to the writer was made up of Golden Laced Wyandotte blood mated to a large Blue Wyandotte shaped hen. This blue hen was one-half laced Wyandotte and an effort was made to produce more Blue Wyandottes, but imagine the breeder's surprise when every pullet from the mating proved to be blue laced, having golden ground color. A blue laced cockerel bred to these pullets produce many beautiful blue laced specimens; also from the same matings came fully one-half that were not blue laced. These were fully as pretty as the blue laced—they having red ground-color and white lacing. These latter when bred together reproduced themselves to a more marked degree than did the Blue Laced Wyandotte.

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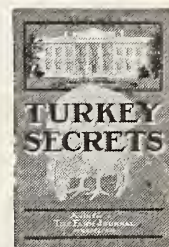
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CONVENIENT WAYS OF SUPPLYING SHADE

By W. A. Wolford

[Continued from page 781]

desired to make the yards more attractive and pleasing to the eye, muslin or canvas may be substituted for the burlap. Strips of burlap or muslin may also be stretched across the wire runs in which the breeding birds are confined and the frequent use, made by the fowls, of the shade thus furnished will be ample assurance of their appreciation. A rather novel and convenient shelter and chick run combined is illustrated in Figure 2. This is in the form of an apex shelter and is so arranged that the sides may be drawn back to a horizontal position, leaving the top open for the entire length, giving the chicks the benefit of the sun, when so desired. The sides are so constructed that they may be set at any angle. This run may be made and desired size and the sides covered with muslin, canvas or burlap. Owing to its being of portable construction it is particularly adapted to early spring use, when the weather is changeable and the little fellows require protection from the cold winds and sudden showers. This shelter can be used exclusively for the new broods of chicks and may be changed from coop to coop or brooders as the case may be. To make it water proof the muslin may be oiled or canvas may be substituted.

In the group of illustrations page 781, may be seen a few of the various methods in use in different parts of the country for supplying shade. In the illustration (A) will be seen a row of brood coops with small wire runs, the tops of which are covered with muslin. These runs are placed before the

brood coop and the hen is allowed the freedom of the run. This is an excellent arrangement as the chicks may be confined or given their liberty at will. To liberate the chicks a brick or block of wood is placed under the corner of the enclosure, raising it sufficiently to allow the chicks to go and come at will. With small runs of this kind the water fount should be placed just outside and protection also furnished in the way of shade of some kind. If the fount is left inside the enclosure, the hen will soon have it scratched full of dirt and litter. By turning our attention to (B) in the illustration we see a very neatly designed and constructed chick shelter, used in connection with an outdoor brooder. This not only provides protection from the sun but furnishes an inclosed run for the chicks on stormy days, as it is provided with a roof of matched material; while not water tight this roof will give sufficient protection. Runs for the use of either brooder or brood coops may be constructed in this manner or entirely of muslin (excepting the frame) or with muslin and fine mesh wire.

At (C) we have another form of supplying shade,—this is better adapted to the range than to small yards and consists of a piano box laid on its side with one end removed. The top may be covered with roofing felt or not, just as the fancy of the user may dictate. By removing the entire side of the box that is to be placed next to the ground, we may utilize this side also. Four stakes may be driven in the ground and the side (its largest area) removed from the box may be securely fastened to the top of these, and we have another sun shade. Either of these make excellent places under which to place the food hoppers and drinking fountains.

In the large illustration, we show a portion of a long brooder house (D) and runs in which there is not natural shade, the trees planted for this purpose not having reached the age of usefulness. Here we see neatly constructed frames over which muslin has been neatly stretched. These frames are set upon four stakes, at a distance of one foot or 15 inches from the ground. Judging by the looks of the chicks, the shade furnished in this manner is entirely adequate, as they are a thriving and vigorous looking lot of youngsters.



Princess Delmar, first and special for best solid colored hen in show, Albany, N. Y., January, 1912. Unfortunately a poor pose, but gives a fair idea of the type of bird in the yards of A. J. Gies, Delmar, N. Y.



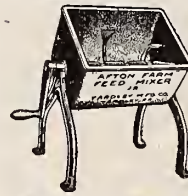
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Economy Fountain and Feeder For chicks or fowls. Keeps water, beef scrap, grit, grain, dry mash, etc. clean and fresh. Seamless, galvanized. No rivets or solder. Fits any size Mason jar. Sample, postpaid, 35 cts., or four for one dollar.

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Tests show where these shells have been used—duration of test 22 days—number of eggs, 33; weight of eggs, 1489.6 grammes.

Where Sharp Grits were fed—test 22 days—number of eggs, 6; weight of eggs, 257.6 grammes. This is convincing argument why every poultry house or yard should have them. They'll make hens lay an egg a day, with firm, hard shell—less liable to break in shipment.

Belle Brand Crushed Oyster Shells supply Carbonate of Lime in natural form and acts as a grit, making them superior to any other poultry food on the market. Write for Free Catalogue to **LOUIS GREBB, BALTIMORE, MD.**

Right here I want to offer one objection to the foregoing plan. It is my opinion, and this is based upon extensive experience with growing chicks, that on account of these shelters being of such close proximity to the ground, the chicks are liable to hop onto the top of them, and soon have

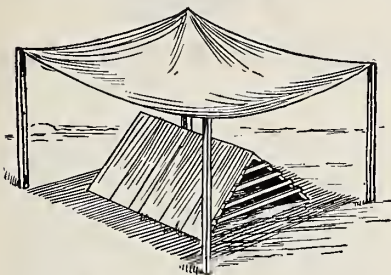


Fig. 1. A quickly constructed and convenient protection for the brooder or brood coop.

them looking rather untidy. Equally as good results could be secured here by stretching a piece of muslin the entire length, over the tops of the runs. This would cost a trifle more for the cloth, but in the end I do not think would be as expensive as the small shelters when the cost of frames and erecting is taken into consideration.

For my own use I would prefer burlap as it gives a more subdued light and furnishes shade more like that supplied by trees or shrubbery. With muslin you only get a subdued sunlight with scarcely any shadow. In reality you do not get shade but a modification of the sun's rays,—a relief from the intensity of the sun's heat. Another point in favor of the burlap, is that the poultryman always has on hand a quantity of old feed bags that may be opened down the seam and are ready to be put into service. What has been said in the foregoing regarding the supplying of

ance of choice green food as well. Small patches of corn may also be planted in a similar manner on the plot used for the growing chicks. Try a few small patches this season, even though you are not able to allow but five or six square feet to each plot.

There are numerous other ways of providing shade but I believe the ones here enumerated are the simplest and also the most convenient. Utilize your old feed bags to make sunshades, do not let them lie around and be destroyed by rats and mice as they very often are.

SCRANTON'S REDS

B. H. Scranton, Rising Sun, Ind., issued a handsome and well gotten up booklet, devoted to descriptions of his Single Comb Rhode Island Red matings for 1912. Mr. Scranton's great success as a breeder of Reds is recognized by all Redmen, in fact he ranks with the top notchers and in the west, where his stock has won many of the highest honors at the leading shows, Scranton's Reds are respected and feared by his competitors. Mr. Scranton is a great stickler for quality and uses only the best breeders in his pens each year. His strain has been carefully mated and bred in line for seven years with the result that in type, color and general uniformity, his Reds are not excelled by any other strain. His booklet, which every Red breeder should send for, gives the remarkable records made by his Reds at the Chicago, Indianapolis and other large shows in the west.

*** Turkeys, their care and management," is the title of a book that treats of all varieties of the turkey. A copy sent post paid upon receipt of seventy-five cents ***

S. H. HARTER, NESCOPECK, PA.

S. H. Harter, the well known breeder of Buff Plymouth Rocks, reports a heavy demand for stock and eggs. Mr. Harter's winnings at last Madison Square Garden and Boston Shows, where he won the leading prizes on females in large classes, will be remembered by those interested in the ever popular Buff Rock. He will be pleased to send his catalogue and furnish information and prices to those who are intending buying either stock or eggs. Address S. H. Harter, Nescopeck, Pa.

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Great to win and lay. Won at Boston and New York, also one medal and one quarterly prize at Storrs Egg Laying Contest. **H. P. Deming, Robertsville, Conn.** **Dartmoor Yards "Dark Cornish"** Our International Champions won 3 firsts, best display silver cups, highest honors at the Great Baltimore Club Show, Jan. 2-6, 1912. Competing in class of 145 birds largest showing of "Dark Cornish" ever held in America. 16 exhibitors, east and west competing. Exhibition young stock, fall delivery 1912. No eggs. Address all correspondence to **CHARLES S. BRENT, Prop., OCONOMOWOC, WIS.**

REGAL WHITE WYANDOTTES They are unexcelled as layers and winners. At Buffalo Great International Show this year, on five entries I won 3rd cock, 4th hen, 2nd cockerel, 1st pullet, 2nd pen, also best display. They will win for you. Eggs \$2.50 per fifteen. **HENRY R. JONES, DERBY, N.Y.**



42 PRIZES

in Madison Square, Rose and S. C. Brown, Rose and S. C. White Leghorns. 240 and 242 egg strain, big birds, big eggs. Eggs \$1 per 15. (Specials half price. Catalogue.

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W. H. Card, Manchester, Conn., The Originator. Kardes Kure for Chicken Pox; 25 cents one dozen capsules, postpaid. \$1.50 for 100 capsules, postpaid. This Kure will not heal a broken leg nor cure measles, whooping cough, or scarlet fever, but you can bet it will cure chicken pox, and chicken pox only. No more than four doses must be given.

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1st, 2nd, and 3rd Madison Square Winners head my breeding pens. **THEODORE S. HEWKE, MIDDLETOWN, N. Y.**

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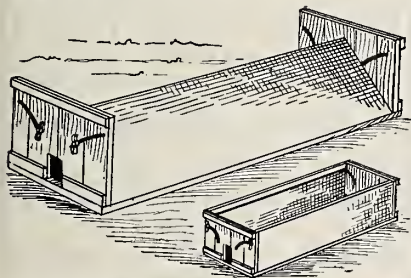


Fig. 2. A unique and desirable chick run that may be constructed by anyone. This run is particularly adapted to early out-of-door use.

shade for baby chicks, will in most cases apply to the older fowls. The same plans for supplying shade may be enlarged upon and used in protecting them.

Another plan that has many points in its favor, and one that may be used to advantage where yard room is sufficient, is to spade up a portion of each yard and sow fodder corn. A division fence should be placed across the run until the corn reaches a height of one and one-half or two feet, then the fence may be removed and the fowls given their liberty in this miniature cornfield. It will not only supply ideal shade, but an abund-

DWARF ESSEX RAPE AS A GREEN FOOD IN SUMMER

THE MOST VALUABLE VEGETABLE FOOD FOR LAYING HENS AND GROWING CHICKENS DURING THE SPRING, SUMMER AND AUTUMN MONTHS. WHEN TO SOW AND HOW TO GROW RAPE TO OBTAIN THE BEST RESULTS

BY J. COURTNEY PUNDERFORD

Green food is an absolute necessity both for matured birds and growing stock, and there is not a month when its use should be discontinued. During the winter months, sprouted oats, mangels and cabbage can be fed to advantage, and we then come to the best and cheapest green food for summer and early fall. I have tried sow-

good. This applies especially to sowing in small runs.

It is most essential that you allow it to attain a good stand, for should you turn out your breeders or youngsters on it before this is accomplished, they will kill it in no time as they are most eager for it at times, preferring it to grain or mash. Anyone having a



First cockerel at Ohio State Show, Columbus, Ohio, January, 1912. Bred and owned by C. N. Darst, Jacksonville, Ohio.

ing many different grains in my orchard and on free range where the youngsters roam, and I have yet to find a green stuff which can equal Essex Rape. In New Jersey we usually plant or sow this the latter part of March and should the weather permit it can be sown by the 12th or 15th, which I have done many times and received most satisfactory results.

Rape can be grown in the poorest soil, a little fertilizing simply being needed to help it along. A poultryman always has this on hand in hen manure and no better fertilizer can be had for the purpose. I generally figure about four pounds to the acre, broadcast, or two to three pounds per acre in drills. Rape can be planted any time during the summer, and should this be done in July or August it is better to plant one-third oats with it, as oats will come first and tend to shade the growing Rape from the hot sun. This is particularly true in sandy soil where the ground dries out quickly. Be careful not to sow too thickly as the results will not be as

summer trade in fancy eggs cannot find a better egg producer and it also lends a richness to the egg.

Rape grows very rank if not cut back and offers excellent shade for your growing stock in the hot summer months. I do not think it a good plan to allow it to grow too rank for the leaf becomes very coarse and has not the same value. Keep cutting it back and feed to your layers or breeders which have no green food in their runs. It quickly grows again, this being one of its great features. The youngsters also keep it down quite well if it has not already got beyond them.

The leaf is very tender and succulent and for baby chicks it can be run through a meat grinder and fed in the shredded form, which is greatly relished and easily digested. Rape will last up to the middle of October and by that time you will have yards and runs seeded down in rye and ready for the matured stock to go in. Rape is generally supposed to be killed by the frosts and severe

Quality Rose Comb Rhode Island Reds

Win on every bird exhibited at Buffalo and Rochester, N. Y. Eggs for hatching. Send for Mating List.
E. M. DUTTON, NEWFANE, N. Y.

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—an all year 'round egg producer.

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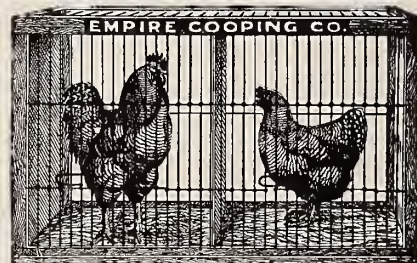
BABY CHICKS

From Standard bred winners at New York, Chicago, Boston, St. Louis and Cleveland. Egg Record 280. Every chick guaranteed. Barred, White and Buff Rocks, Brown, White and Buff Leghorns, Black, White and Buff Orpingtons, White Wyandottes, R. I. Reds, Black Minorcas, Anconas, Baby I. R. Ducks. Safe arrival guaranteed. Price 8 cents up.

FIRELESS BROODER

made of double wall air cell, waterproof cardboard, covered with galvanized steel, guaranteed to last a lifetime. Price \$3.00.

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After years of experiments we have discovered a sure cure—or money back.

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Prevention is not a cure-all. It only prevents and cures White Diarrhoea in baby chicks and Cholera in older fowls. One ounce of prevention is worth tons of cure. In tablet form.

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TELL THE TRUTH

Get big hatches of strong, healthy chicks by supplying the correct amount of moisture to the egg chamber for different stages of chick embryo development. The "Tycos" Hygrometer indicates the exact humidity in the incubator. It will solve your moisture troubles. Send for "Incubator Facts", Free. "Tycos" Incubator Thermometer, 75c. "Tycos" Incubator Hygrometer, \$1.50

Taylor Instrument Companies
Rochester, N. Y.

winter, but I have had several fields come up in the spring and do very well. I would not advocate this as it is only chance and results are not nearly as good. It has always been a mystery to me why so few poultrymen use this wonderful green food. I have been to many farms and in talking over the green food question found that they had never heard of Essex Rape. It retails at \$3.75 per bushel or \$7.00 per 100 pounds, so you see one could sow 25 acres for \$7.00, as only four pounds to the acre is used. This you will agree is very low. For pasturing sheep or cattle it is ready within six weeks from time of sowing and on an average one acre will carry twelve to fifteen sheep six weeks to two months.

In Northern states it should be sown from May to the end of August for fall pasturing as it thrives better in cool weather; and in the southern states in September or October for winter pasture.

Its fattening properties are twice as good as those of clover, and for sheep the feeding value of Rape excels all other known plants. You yet have time to sow, and you will find this one of the best investments you have ever made in the way of sowing or planting.

THE AMERICAN BUTTERCUP CLUB

On March 28, at Binghamton, N. Y., was organized the American Buttercup Club, where the following officers were elected: President, H. W. Dewey, Sidney Center, N. Y.; vice-president, Mrs. Jas. S. Dumaresq, Easton, Md.; secretary-treasurer, I. F. Tillinghast, Factoryville, Pa. Board of Directors: A. B. Browe, Corbetsville, N. Y.; Thos. P. Hallock, Medina, Ohio; B. Van Vrankin, Union City, Mich.; D. S. Thornburg, Cherryville, N. C.; J. E. Lovett, Little Silver, N. J. Committee on Standard: John Aldrich, Springfield, Mass.; C. C. Loring, Dedham, Mass.; A. B. Browe, Corbetsville, N. Y.

It is expected that a great display of Buttercups will be made at the poultry show in connection with the New York State Fair, at Syracuse, in September, and that a special meeting of this club will be held at that time and place.

ROUEN DUCK CLUB OF AMERICA

The Rouen Duck Club of America was organized January, 1912, for the sole benefit of the grand old breed of waterfowl—the Rouen Duck. The officers elected are: President, John D. Dowman, Eldora, Iowa; vice-president, R. E. Barlow, Medina, N. Y.; Executive Committee, Harvey Young, Osco, Ill.; John Conrad, Hales Corners, Wash.; secretary-treasurer, Henry Schebl, Prophetstown, Ill. The membership fee is one dollar, which should be sent direct to the secretary, who will on receipt of same, mail the constitution and by-laws of the club to all applicants.

As Rouen Ducks are the handsomest of all the domesticated races of waterfowl and also are one of the most profitable to raise for market, when the conditions are favorable, the new club will prove a great help in boosting the favorite old variety to the front.

*** Fifty cents invested in a copy of the "Chick Book" may save you many dollars. Better send your order today.

NATIONAL SINGLE COMB RHODE ISLAND RED CLUB

At the annual meeting of the National Single Comb Rhode Island Red Club, held at Belle Plains, Iowa, J. B. Studier of Waverly, Iowa, was elected secretary in the place of J. H. Valliere, who resigned on account of ill health.

Mr. Studier is now at work getting all the machinery of the club back into running order so that everything will run smoothly in the future. All letters addressed to the new secretary will receive prompt attention and all business of the club will be handled in a business-like way.

The club is preparing to publish its first year book, and all breeders of S. C. Reds, whether members or not, should co-operate in getting out a book that will be a reference work on all matters pertaining to Reds.

RED DORKING BOOK

"Of Red Dorkings" is the title of Prof. C. Weygand's booklet recently issued by him. This publication is unique in its typographical make-up, the display as well as body type being Old English in design, as is the arrangement of the reading matter. Not only is this monograph of England's oldest fowl of unusual historical value, but it is a literary contribution to poultry literature of the highest standard.

In fact, we do not recollect of ever having read any contribution to our poultry literature as clearly and scholarly written as Prof. Weygand's treatise on the Red Dorking fowl. Admirers of Red Dorkings and good poultry literature should write to C. Weygand, Wisahicken Avenue, Germantown, Philadelphia, Pa., for this booklet.

*** Twenty-five cents will secure for you a copy of "Reliable Poultry Remedies." Tells you symptoms of diseases and how to treat sick fowls ***

Scranton's Undefeated S. C. Reds

A clean record in the world's best shows. Eggs now half price. Breeders for sale cheap.

100 Utility hens \$1.00 each.
B. H. SCRANTON, Box P. W., RISING SUN, IND.

Duston's White Wyandottes

The Acknowledged Leaders
Win at leading shows from coast to coast. Describe your wants and send for printed matter.

Arthur G. Duston, So. Framingham, Mass.

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Send sketch or model for search. Highest references. Best Results. Promptness Assured.

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RHODE ISLAND REDS Rose Comb **Winners in 1912—4 firsts, 3 seconds, 3 thirds, 1 special.** Eggs from The S. C. WHITE LEGHORNS Eggs from high scoring pen \$1.00 per 15.

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SUPERIOR, WIS.

BRACE'S SINGLE COMB BROWN LEGHORNS

Are in a class by themselves, having won more prizes than any other strain. Thirty years breeding. 8 pens mated, including both cockerel and pullet matings. Write your wants.

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Jacobus Improved Strain Silver Campines

Why did the Silver Campine Eggs from my yards win over all other white eggs at Boston, 1911-12?

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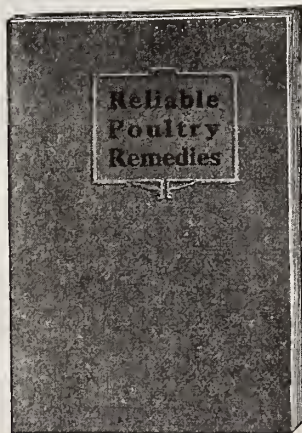
Stands for highest quality in its poultry as it has in Holsteins and Hackneys since 1883. Single Comb White Leghorns. White Wyandottes. Pekin and Indian Runner Ducks. Single Birds, Pairs or Eggs.

Orders for Day Old Chicks now being booked.

Address MAPLEWOOD,

Poultry Dept.,

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RELIABLE POULTRY REMEDIES

How to Prevent and Cure Disease

A Poultryman's Hand Book of Tried and Proved Remedies for the Diseases of Poultry. It describes in simple language the symptoms of the various diseases and tells what remedies will give best results under different conditions.

The Chapters are: Requisites for Health; Head, Throat and Lungs; Intestines and Crop; The Abdomen; Legs and Feet; The Skin; Parasites; Objectionable Habits. Send for complete list of our publications.

Price 25 Cents, Postpaid.

60 Cents, Including a Year's Subscription to American Poultry World.

84 pages, 6 by 9

AMERICAN POULTRY PUBLISHING CO., 158 Pearl St., BUFFALO, N. Y.



In the above illustration Mr. Sewell has succeeded in admirably portraying eight White Leghorn cocks that made the unparalleled record of winning the eight regular prizes at Madison Square Garden, New York, December, 1911. The magnificent quality of these birds is readily discernable by studying the style, shape and head-points of the specimens delineated by Artist Sewell. They show their class at a glance, but the veteran breeder and owner of these eight stars has been at it for over a quarter of a century building up a strain of White Leghorns that would meet the highest modern standard requirements in the show room and at the same time reproduce their kind in the breeding pen. Winning every ribbon in the White Leghorn cock class at America's greatest show is the best evidence of Mr. Young's success as a breeder.—J. H. Drevenstedt.

BUFF ORPINGTON DUCKS

THE COMING POPULAR BREED OF WATER-FOWL

BY A. B. DALBY

The Buff Orpington Duck fills the gap between the Pekin and Indian Runner and is fast becoming as popular in this country as in England and

breast should be a nice even shade of tawn buff throughout, free as possible from lacing and in the drake the head and upper portion of neck

should be at least two shades darker (a seal brown.)

In egg yield they will turn out 180 to 210 eggs average throughout in a well handled flock.

Following is the English Standard for Orpington Ducks:

GENERAL CHARACTERISTICS

Head—Fine and of oval shape. **Bill**; Of moderate length and in a straight line from the skull. **Eyes**; Bold and full.

Neck — Fairly long and gracefully curved.

Body — Long, broad and deep. **Breast**; Full and round. **Wings**; Strong and carried closely to the sides. **Tail**; Small, and rising gentle, the drake having two or three curled feathers in the centre.

Legs and Feet

—**Legs**; Strong and set well apart, of medium length. **Toes**; Straight, connected by web.

Carriage—Somewhat upright.

Weight—Drake, 7 lb.; Duck, 6 lb.

Plumage—Bright and glossy.

COLOR

Bill; Yellow, with dark bean. **Eyes**; Brown iris, blue pupil.

Legs and Feet; Bright orange yellow.

Plumage.—Rich shade of fawn, even throughout, the head and the upper portion of the neck of the drake at least two shades darker than the body colour.

SCALE OF POINTS

Color	30
Type	25
Size	25
Head	10
Legs and Feet.....	10

100

Serious Defects; Color other than buff; lack of size; twisted wings; wry tail; or any other deformity.

*** Breeders of Orpingtons who have not secured a copy should send seventy-five cents at once for our new book "The Orpingtons." It gives the origin and history of all varieties ***



One of the latest acquisitions to our ever increasing family of land and water-fowls is the Buff Orpington Duck. Among the many claims of superiority put forth for this variety is their egg producing ability. In this direction they are said to be second to none.

Australia where they lead in popular favor.

The breed was made up by crosses between the Pekin, Indian Runner and Mallard and combines the best of all three breeds.

Australia was the first country outside of England to breed the Orpington Ducks in quantities, and after they had twice beaten all the ducks in the laying contest held by the Government they fast grew in favor.

The first ones that the writer saw in this country were exhibited at Madison Square Garden seven or eight years ago, and each year since then the classes there have steadily grown and at all the large shows very good specimens may be seen.

They are moderate feeders and can be raised without water except for drinking. At ten weeks they are ready for market and will have more solid meat on them than any duck, the meat being of fine texture and good flavor.

In weight the drakes run from seven to nine pounds and the ducks six to eight pounds.

Their general shape and carriage is great length, broad back and squarely built, possessing an active appearance. In color the head, neck, body and

OAKLAND'S

Chicks and Eggs

Big Slash in Prices

Best Quality Chicks

\$13.00 Per Hundred

We have the best White Leghorn chicks obtainable and at the lowest prices possible when you consider the strength, vigor and quality with their reputation to develop into prize winning birds.

We have shipped chicks to forty-six states without one complaint. Get busy and send us your order today as orders for Oakland's chicks are coming in very fast.

Best Quality Eggs

\$3 and \$5 per 15

Eggs that are fertile and guaranteed. Never before in the history of this farm have we had such success as this season. We have received letters from many of our hundreds of satisfied egg purchasers this season stating that they have had from ninety-four to ninety-seven per cent fertility.

Your strain is not complete until you have Oakland's blood in it. Remember our prices are from \$1 to \$5 the setting, and in buying from us you are sure of the right class of goods from the right farm at the right prices. Backed by our twenty-five years of valuable experience breeding S. C. White Leghorns.

Oakland's Poultry Farm

WM. C. BOWMAN, MANAGER

R. F. D. 3, Trenton Junction, N. J.

P. S. We still have some eggs and chicks for immediate delivery from our famous S. C. Rhode Island Reds and Silver Penciled Rocks that made phenomenal winnings this year at Madison Square Garden, Grand Central Palace and Trenton. Get our new free illustrated catalogue and mating list



Supt. A. M. Pollard (left) and assistants J. H. Austin (center) J. F. Ketchum (right). Men in charge of the birds entered in the International Egg laying contest being carried on at the Connecticut Agricultural College, Storrs, Conn. Each of the four females shown in the illustration, a White Wyandotte, two Rhode Island Reds and a Barred Plymouth Rock, have laid two eggs in one day.

CORNELL METHOD OF FEEDING CHICKS

The New York State College of Agriculture at Cornell University, Ithaca, N. Y., issued a poultry bulletin on February 15, 1912, in which the following methods of feeding chickens from hatching time to maturity is recommended:

THE RATION

Mixture No. 1

8 lbs. rolled oats, 8 lbs. bread crumbs or cracker waste, 2 lbs. sifted beef scrap (best grade), 1 lb. bone meal.

Mixture No. 2

3 lbs. wheat (cracked), 2 lbs. cracked corn (fine), 1 lb. pinhead oatmeal.

Mixture No. 3

3 lbs. wheat bran, 3 lbs. cornmeal, 3 lbs. wheat middlings, 3 lbs. beef scrap (best grade), 1 lb. bone meal.

Mixture No. 4

3 lbs. wheat (whole), 2 lbs. cracked corn, 1 lb. rolled oats.

Mixture No. 5

3 lbs. wheat, 3 lbs cracked corn.

THE METHOD

One to five days—Mixture No. 1. moistened with sour skimmed milk, fed five times a day. Milk, fed 5 times a day. Mixture No. 2, in shallow tray containing a little No. 3 (dry) always before chicks. Shredded green food and fine grit and charcoal scattered over food.

Five days to two weeks—No. 2 in light litter twice a day. No 3 moistened with sour milk fed three times a day. No. 3 (dry) always available.

Two to Four Weeks—As above, except that the moist mash be given twice a day.

Four to six weeks or until chicks are on range—Reduce meals of moist mash to one a day. No. 4 in litter twice a day; dry mash always available.

Six weeks to maturity—No. 3 and 5 hopper-fed. One meal a day of moist

mash if it is desired to hasten development.

The above method has given excellent satisfaction at the State College. Further information is contained in the "Cornell Reading Course for the Farm," Volume 1, Part 10, Poultry Series No. 3. This is free to persons residing in the State of New York.

World's Foremost White Wyandottes Most prominent winners at the leading shows of the U. S. and Canada for past 15 years. Many owe their success to my strain.

J. H. JACKSON, L. Box 80, HUDSON, MASS.

200 COLUMBIAN WYANDOTTES

for sale. Good breeders \$3 to \$5 each.

Harry B. Miller, R. F. D. No. 1, Clarks Summit, Pa.

Miller's 1912 Incubator Surprise

Wonder of all offers ever made. You'll be mighty glad you answered this little "ad". Mail postal now for Miller's new book and surprise offer.

J. W. MILLER CO., Box 123, FREEPORT, ILL.

An Ideal Poultry House Complete \$1.00

This is the season of the year when you should build the laying houses for your fall pullets. The Ideal Poultry House has been tried by poultrymen in all kinds of climate, from cold far north to the warm climate of the south, and in every instance has proven to be O. K. It cannot get damp; birds combs cannot become frosted in cold weather; fowls will always be contented in a house of this kind. Hundreds of free testimonials from pleased poultrymen. Full plans, including cost of materials, measurements of boards, etc., all for a one dollar bill. If after receiving plans, you are not fully pleased return them and your money will be refunded. Isn't this fair.

GEORGE RUSH,

3074 Webster Ave., Box 1, Bronx, N. Y.

SUNNYSIDE 200 EGG STRAIN *Pay Double.* Beauty pleases the eye, Utility pleases the purse. Combined they produce satisfaction and results. Hundreds of satisfied customers making money from our stock, why not you? Get some of our trap-nested record laying stock—it will pay you. *Special Prices* this month on baby chicks and eggs, breeders, yearlings and young pullets after June 15th. Sunnyside has a record of 21 successful years.

SUNNYSIDE FARM,

Box W,

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RHODE ISLAND REDS

Breeders, good birds at reduced prices.

For the balance of the season, Eggs from our \$15.00, \$10.00, \$5.00 Matings at Half Price, also

WHITE BIRCH POULTRY FARM,

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Loyd's Prize Winning Partridge Rocks

(THE BLUE RIBBON KIND)

Stock, eggs and baby chicks at reasonable prices. Catalogue Free.

C. J. LOYD & SONS,

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Single Comb

Buff Black and White

ORPINGTONS

Buff and Blue

ORPINGTON DUCKS



South Plainfield, N. J.

Grand Hatching Eggs at one half listed prices. A large part of the best show birds are hatched in June, this is a rare opportunity for you.

1912

If you need Birds to improve your Stock we are now offering specials in Breeding Males and Females all bred from our Champions and Sons of Champions.

Sunswick owns hundreds of Champion Winners and all were bred here on the Farm, we have won thousands of Prizes, Specials, Sweepstakes, Gold Specials and Silver Cups at the leading shows for years. Send for our descriptive Catalog, Mating and Winning List, they are free and instructive reading.



"TOP O' THE WORLD"

A typical Ives Langshan. Winner, sire and grand sire of winners. Owned and bred by Paul Pomeroy Ives, Guilford, Conn.

FOUNDATION OF DENMARK'S SUCCESS WITH MARKET EGGS IS CO-OPERATION

Denmark's success with market eggs is founded on co-operation. It is a model for the world to pattern after and it is stated by Professor Brown that Ireland, Holland, Hungary, Italy and Sweden are following Denmark with equal benefit. One authority writes:

"With central control and guarantee of quality, and with every member interested in maintaining highest quality in the produce, average values of Danish eggs as bought by Great Britain have increased 67 per cent. since 1896. It has been said times without number that farmers are too suspicious to co-operate. But many kinds of productive work are tending toward co-operation in selling, and satisfactory success lies that way if each member does fairly by the rest. This is the key to the whole matter."

WHERE EGGS ARE CHEAP

One of the greatest egg markets in the world is China, where the Chinese hens keep on shelling out millions of eggs, notwithstanding the scarcity of

food on account of the revolution going on in the Asiatic Empire or Republic. Henry S. Wells, an American trader, established in Vladivostok, who is interested in desiccated eggs and albumen, recently made the following statement regarding the egg industry of China.

"China offers a good opportunity for the desiccated eggs and albumen trade, as eggs are sold there at certain seasons of the year as low as twenty-five cents in American currency a hundred, and during March and April at eighteen to twenty cents a hundred. The local egg albumen and prepared egg factories have this winter been experiencing some difficulties in obtaining sufficient eggs for increasing demands, while every ship leaving for Vladivostok takes hundreds of cases of eggs. This statement may seem self-contradictory, but such are the facts. Last year there were shipped from Tsingtau about 7,000,000 eggs. The Yang-tse valley is a great field for egg supply. However, during the present disturbed conditions one can not rely on anything."

* * * "The Bantam Book," buy it for

the little ones. It tells all about these little favorites. Copy post paid fifty-cents * * *

IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"
Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.
PAUL B. IVES, "Bonnycroft" GUILFORD, CONN.

GABRIEL'S "RAVEN BLACK" Strain of MINORCAS
Have been line bred to attain the True Shape for great egg production. The result is those great big white eggs in great quantities. Eggs for sale \$3 and \$5 per 15.
FRED C. GABRIEL, SOUTH BEND, IND.



130 Egg Incubator \$7.25
A high-grade hatcher direct from factory at bed-rock price. Triple walls covered with asbestos and galvanized iron. Hot water, copper tank self regulating, easy heating, simple, safe, set up complete, none better. Money back guarantee. Brooders \$2.50 up. Big Catalog Free.
Mankato Incubator Co., Box 869 Mankato, Minn.

POULTRY BOOK FREE

Write today for a free copy of Prof. Cottrell's book on Scientific Poultry Raising.
L. M. ALLEN, P.T.M.,
Rock Island Lines, 458 La Salle Station, Chicago, Ill.

S. C. WHITE LEGHORNS

Majestic Strain (Young's via E. C. Wyckoff's)
Winners at the New York State Fair, 1908-'09-'10-'11
EZRA C. CARTER, MARATHON, N. Y.

ARMSTRONG'S S. C. REDS (REAL REDS)
Have size, type, correct color and proper markings and are heavy layers. Eggs \$3 per 15.
R. I. Armstrong, 1053 Sullivant Ave., Columbus, O.



If you are interested in poultry send 10 cents for my 54-page beautifully illustrated catalog describing my heavy egg producing strain, and full of valuable information on poultry breeding, such as hatching, feeding, rearing, showing, etc. It gives over thirty photographs and many full page pictures of farm, houses and stock. Send to-day—at once.
LEWIS T. McLEAN
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QUALITY SILVER LACED WYANDOTTES

Unexcelled layers and winners. Greatest bargains ever offered in breeding stock.
Eggs \$1.00 to \$2.50 per 15. Circular.
LEROY W. SEIGFRIED, Route B, WATERLOO, N. Y.

White Wyandottes of Quality

EGGS AND DAY OLD CHICKS
THE HIGHLAND POULTRY FARM, AMSTERDAM, N. Y.

"STORY'S S. C. BLACK MINORCAS" Great Layers and Prize Winners. Eggs at half price for balance of season—\$1.50 per setting.
\$6.00 per hundred. 100 Hens at a Bargain. Address for price and full particulars.

ROWLAND STORY, 187 Arlington Avenue, BROOKLYN, N. Y.

1000 HENS and COCKS

Bargains ALL WHITE Bargains
S. C. LEGHORNS, WYANDOTTES, ROCKS

Write for Free Illustrated Catalogue (describing our farm and methods) and our Summer Bargain Prices.

THE DUNLAP-SCHWIND CO.,
Box 4793, CHATHAM, N. Y.

" S E N S A T I O N "

and RED PRINCE R. and S. C. REDS.

The strains that have won more firsts (in Rose Comb Reds) at New York, Boston, Providence, Chicago, Baltimore, Washington, 1911—1912 than all others combined. EGGS—All eggs above utility grade at half price after May 15th. Utility, \$1 per 15; \$4 per 100. Send stamp for Mating List.

RED FEATHER FARM, F. W. C. Almy, Prop., Box 22, TIVERTON 4 CORs., R. I.

HOG RINGS AND COAL ASHES

A SUBSCRIBER TELLS HOW THESE TWO ARTICLES, THAT MAY BE FOUND ON ALMOST EVERY FARM, MAY BE USED TO ADVANTAGE. SOME NEW IDEAS FOR AMERICAN POULTRY WORLD READERS

BY DR. W. V. WOODS

It has seemed to me that poultry keeping, especially small poultry keepers, do not always study its convenience and economy as they might, nor are they on the lookout for development of ideas. Ideas come to all of us at times and if we find them convenient, economical and practical we should pass them along. Now, there are two ideas that I have been using for many years with, to me, good results. As I have never seen them in print perhaps some of your readers may wish to make a trial of them, and if they do they will not regret it. They are hog rings and coal ashes.

Of course, leg bands are common and of many patterns, all of them good, and have been used for many years. They cannot be superseded by hog rings and yet hog rings are their superior in some respects as markers, as I hope to show and for the following reasons: First, economy. They cost but little, 10c. per hundred. They come in two sizes, the smaller can be used on Polish, Hamburgs, Leghorns, etc., the large size on the American and English birds. Second, ease of adjustment. You will need a hog-ringer, which will cost 25c. and will last a lifetime, and a wire cutter, which I suppose all poultrymen possess. With the wire cutter you snip off the sharp points of the rings which are intended to pierce the hog's nose and are of no use when used on hens, in fact, might injure their legs if left on. Place the ring within the jaws of the ringer, after the points are cut off, surround the fowl's leg with both and gently close the ring till the ends come together, and let your hen go. The ring will be loose on the leg if properly adjusted, can not possibly injure the fowl in any way and will last during her lifetime. Should you wish at any time to take them off all you have to do is to cut them in two on the side opposite the opening and they will drop off.

The greatest advantage I find in their use is the ease of identification. In using the ordinary numbered rings it is almost a necessity to catch your hen to be sure of her number, with the hog rings you can tell at a glance as she steps from the nest or runs about the yard what one she is. Of course, it is necessary to keep a record. Now as to the designation, below is the outline of a chart I use, the perpendicular lines represent the hens legs, the horizontal lines the rings.

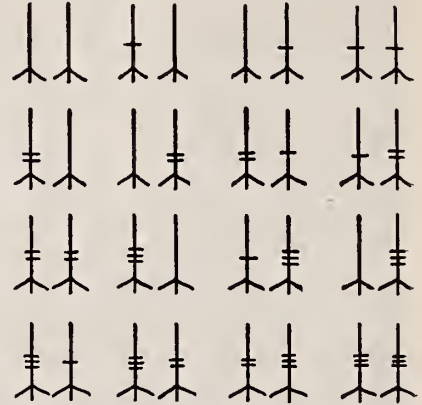
I would not advise using more than three rings on a leg as more than that number become confusing when they are running around. In fact, I find it necessary to put three rings on but one hen in a yard as I use only ten in a breeding flock pen. If you simply want to designate a flock in

each pen of course you can ring them all alike.

USEFULNESS OF COAL ASHES

I find ashes of anthracite coal one of the most useful adjuncts to my poultry plant. Sifted through an ordinary ash sieve I find them one of the best absorbents of moisture and odors I can use under the roosts; you can use them freely—the more freely the better. When cleaning out the mixture of ashes and droppings put them in barrels or boxes under cover. If kept dry they can be handled without trouble for sowing broadcast on garden or grass. No form of fertilizer is better for either. Mixed with acid phosphate and Muriate of Potash they make as good a complete fertilizer as many of the high-priced

goods and very much cheaper. The droppings supply the place of the Nitrate of Soda which we know is the



Outline showing how different combinations may be made with hog rings.

most expensive ingredient in commercial fertilizer.

For making walks I know of no cheap article equal to coal ashes

OHIO PORTINGTON YARDS
BIG WHITES OF QUALITY -- BIG WHITES OF QUALITY
 I will send an extra setting of eggs with each order, for the rest of the season. A chance to get genuine English stock cheap. \$5.00 per setting.

C. F. LOUIS,

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R. I. REDS

reduced prices to make room for growing chicks.

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17 Cents a day buys an

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The Standard Visible Writer

Can you spend 17c a day to better advantage than in the purchase of this wonderful machine?

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either sifted or unsifted. The ashes from bituminous coal are just as useful for walks but do not pack quite as well as the anthracite. But the best use I find for anthracite ashes and for which I can find no adequate substitute is covering the floors of brooders and for dust baths. For these purposes I have made a sieve of a stout box sixteen inches square and four inches deep with the bottom of wire mosquito netting, and putting in a handle made of an old broom handle, rigged as in an ordinary coal sieve. It is best to put it through an ordinary sieve first.

Used in a brooder they will absorb all the moisture and odors from the droppings and keep the brooder sweet and dry longer than soil or any other article I have used. Sifted in this way the fowls will use it for a dust bath and prefer it to the road dust, besides road dust is very hard to get here as there is a law against removing dirt from the public roads. Another objection is that road dust contains a good deal of the horse droppings which are objectionable. You do not have to store the ashes so long as the dust as you are making them at the season you need them most. I also find my neighbors are very willing to save their ashes for me as they often have no use for them or think they have not. Of course, it goes without saying you must make provision for keeping your ashes dry, they should never be allowed to get wet as it is almost impossible to get them dry again, besides after once having been wet the fine and lighter particles, the most desirable portion-sticks to the coarse portions and will not separate by sifting.

If these hints prove useful to anyone or will induce someone to report homely, useful ideas, I will be very glad.

WASTING THE FEATHERS

Feathers are too often looked upon as a waste product by poultry raisers, and one writer with a mathematical imagination has figured it out that \$1,000,000 worth of feathers are thrown on the dump every year by Americans and the latter annually buy 10,000,000 pounds from foreign feather firms, where people are so careful of their resources, great and small, that they have a surplus to sell to the spendthrift of this country. The same writer in the "Iowa Farmer" gives the following uses feathers are put to:

"Yankees sleep on 13,000,000 tons of feathers and these must be renewed every twenty years. This doesn't include downy boil protectors, feather bed lightening life preservers, nor rooster tail sickles on hats that help milady to cut a swell in the fashionable world.

"White and black rooster hackle and saddle feathers become snowy dove wings and ostrich aigrets; soft Biddy body feathers are made into boas and fancy feather trimmings; quantities of hackle and saddle feathers from Games, Brown Leghorns and Partridge Cochins are made into flies to catch the speckled trout and millinery miscellany to ensnare fair females. Dust brushes from goose and turkey tails, toothpicks from

gander quills—yes great is the demand for feathers of all kinds and colors and how foolish then, to throw them away! A neighbor got \$1.80 worth of feathers from each Emden goose last year.

"Dry wet feathers in the shade, and in selling to home or distant market remember that chicken feathers are worth more than turkey, geese than duck, white than black, dry picked than scalded."

IDEAL TRAP NESTS

The introduction of the trap-nest marked a distinct advance in the methods of poultry culture, and the Ideal Trap Nest introduced in 1900 by F. O. Wellcome, Yarmouth, Maine, has well sustained its reputation for efficiency and justified the name given to it by the inventor. It was then as it is now, practical and that is about the highest recommendation that can be given to any invention. It has been used successfully by hundreds of satisfied poultry raisers and is endorsed by many of the leading experts in the United States and Canada. The Ideal Trap Nest catalog just issued by Mr. Wellcome gives a complete description of the nest and contains many testimonials of its value. Poultry breeders who wish to know which hen laid the egg, should send for this catalog and order a number of trap nests.

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When a breeder has a strain of White Leghorns that originated in 1850 and has succeeded in capturing each year at the Madison Square Garden, New York, nearly all of the blue ribbons and specials, he is acknowledged to be the leader of the White Leghorn fancy in America. This Daniel W. Young, Monroe, N. Y., has done, and whenever or wherever White Leghorns are discussed, Mr. Young's name is frequently heard and respected. The 1912 catalog issued by D. W. Young tells the story of his wonderful success as a breeder of America's great business hen so completely that every admirer of White Leghorns should read it. Readers of AMERICAN POULTRY WORLD can obtain this valuable booklet free for the asking.

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BY GEO. H. BURGOTT

Brown Leghorns are recognized in America as a superior variety of fowl. Their chicks are hardy and will thrive where those of many other breeds die. Hatch and give them the same care that any other breed should have and they will thrive. The eggs will hatch in any reliable incubator run correctly or under a good reliable hen. I wish right here to caution all breeders of any black or parti-colored breed to avoid crowding of young chicks. Seven to eleven chicks with a hen or fifteen or eighteen in a small sized brooder is best. Crowding will positively produce white feathers in growing chicks of black or parti-colored breeds or varieties. For adults avoid artificially heated, unventilated quarters. If you want over-developed beefy combs, place Brown Leghorns in over-heated, unventilated buildings. Remember, if you start with them in such quarters, leave them there, but gradually reduce the temperature, even if it takes weeks. You will then avoid sickness of all kinds. We of course understand that after exhibiting our birds we are compelled to place them in reasonably warm quarters for a time after returning from the show and then gradually reduce the temperature as previously stated.

BROWN LEGHORNS AT MATURITY ARE FIT TO SHOW

When is a Brown Leghorn right for showing? When it is exactly at maturity, that is when they are best. Of course, we can not have them all at that stage, but that is, however, when they are just right.

A Brown Leghorn in poor flesh does

not show well, they should be just fat enough to be right. On the other hand when fitting your specimens for exhibition, by all means avoid over-feeding, however, feed them all they will eat and see that not any feed is left. The great advantage of Brown Leghorns is in preparing them for exhibits. We are not compelled to wash them, simply keep them in coops and runs filled well with clean dry straw, avoiding dust baths for a short time before showing.

MATING TO PRODUCE BEST RESULTS

Mating Brown Leghorns is a study in some ways, but no more difficult than with other breeds. We have often read articles and heard criticisms in regard to the use of double mating to produce fine Brown Leghorns. It is simply what breeders of other breeds do. We use the double mating system. Mating your pen is no trivial item, it takes time and study. Visit any breeder of high class birds when he is mating (providing he will allow you to or can be bothered with your presence) and you will note the cautious manner in which he selects, chooses and matches his specimens.

How they should be mated, seems useless for me to try to explain in words. You can't explain it, you must cut and fit, mate and watch your results. If hen A is a fine bird but fails with a half-brother, the next season try a son and if no good results follow, possibly her breeding is not right. We must have, and we do have, and all breeders of winning Browns have

two distinct lines of Brown Leghorns; the female and the male lines.

The female line is in many instances desired by the breeder of a few choice specimens and he can readily keep his

FOR SALE 500 chicks (Columbian Plymouth Rocks, Imperial Strain) Eggs at One-half Price. Bargains in Breeding Stock. **A. A. WHYLAND, CHATHAM, N. Y.**

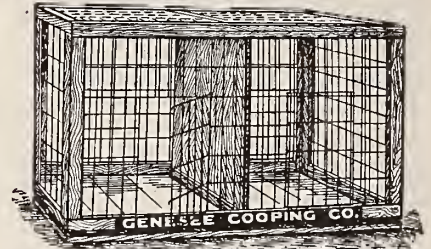
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Conceded by most every one to be the most beautiful and profitable of all fowls. I assure you this season we have the largest number, the best quality and the LOWEST PRICES that we have ever offered. CHOICE EXHIBITION BIRDS, SELECTED BREEDERS, and UTILITY FOWLS in any number. Why fool away time and feed on common fowls when you can buy good stock at common prices.

EGGS FOR HATCHING \$5 per 15; \$10 per 50; Sale stock eggs \$6 per 100; \$15 per 300.

BABY CHICKS from Yard eggs \$10 per 15; from Sale stock eggs \$5 per 25; \$8 per 50; \$15 per 100.

SEND FOR SPECIAL SALE LIST IT IS FREE.

U. R. FISHEL,

Box B.,

HOPE, IND.

line up and dispose of cockerels as soon as large enough for broiling purposes.

We had the pleasure of inspecting a pen of twenty-five female line-bred pullets with a brother of these birds



An unretouched photograph of a S. C. Brown Leghorn pullet produced by the Empire State Farm, Lawton Station, N. Y.

heading the pen and it appeared to me to be as fine a lot of pure bred poultry as I ever looked at.

When mating a female line, use a male that you positively know is bred for that line, hence if you are breeding the both lines, be sure that your chicks are marked and take no chances. As occasionally a sport comes from the cockerel line that looks good for pullet breeding and the same can be applied to the cockerel mating, however, there are not so many chances. In mating for cockerels, take the best females, some may have pencilled breasts, but fine low combs and good necks, with the proper carriage of tail; avoid in your male as much as possible, purple in the black or smut at the base of hackle. Smut is the black stripe of the hackle feather extending to the extreme end of the feather, not allowing the bright red of the feather to come around the end. This causes most of the ends of the hackle feathers to show black and mar the beauty of the specimen. Be particular to choose your male in each mating as near the proper type as possible, it counts in breeding. \$10.00 or \$15.00 is a paltry sum to stop at in a breeding bird. It should be added to what you had figured on paying.

We commend the many new breeders of Brown Leghorns on having selected this breed and variety. We also note that the average breeder of the "Dainty Browns" is of that dainty

mild make-up. Now with a flourishing club of something like 300 members, we have yet to hear of a case of controversy or wrangling between any of its members. I think I have personally met nearly all of them and can say that they are all of that high class, gentlemanly make-up, that any person is pleased to meet at all times. So it is plain to see why they breed Brown Leghorns for they possess politeness and courtesy always. Generally that's the make-up of the average.

HARTMAN STOCK FARM

E. T. Jacobs, Supt. of the Poultry Department of the Hartman Stock Farm, Columbus, Ohio, informs us that a 6000 egg Mammoth Incubator has been installed since the recent fire that destroyed one of their incubator cellars. This new Mammoth is now in operation and added to the balance of their incubator capacity will enable them to fill all orders for baby chicks.

In their advertising in this issue, Hartman Stock Farm offers a large number of S. C. White Leghorn yearling hens at remarkably low prices. It will pay intending buyers to place orders at once, for at the bargain prices the supply cannot last long. Look up their ad. on page 828 for further information and when writing please mention AMERICAN POULTRY WORLD.

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At Minneapolis, Minn., in the strongest competition in the history of that show, our whites won 2nd and 3rd cock, 2nd and 5th cockerel, 3rd and fourth hen. At Oshkosh, Wis., won first cockerel and 2nd cock. We also have in our pens, 2nd pullet, 1st and 2nd black hen and fourth black pullet, at Minneapolis. Mating List Free. Eggs Half Price after May 1st.

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Winners of North American

Cup, Philadelphia, 1910, for best pen of birds in the entire show, 51 pens competing. Same show 1911 won Barred Rock National Trophy for best cock, hen, cockerel and pullet and pen. Eggs reduced from our best matings, \$5.00 per 15. Guaranteed.

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S. C. White Leghorns \$10.00 per 100; \$5.50 per 50.

White Orpingtons \$25.00 per 100; \$15.00 per 50.

Incubator Capacity 14,000 eggs. Catalogue Free. Eggs for Hatching. Full count and safe arrival of chicks guaranteed.

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PER YEAR AT 7c Per Dozen

From 12 hens kept according to our free feeding plan in this year around house, 8 feet long and 4 feet wide. Send to-day for Catalog Portable Poultry houses. OWEN CO. Front St. Allegan, Mich

CARING FOR YOUNG CHICKS

By Geo. A. Cosgrove

(Continued from page 780)

and I have known them to almost bury themselves digging under the crust of the ground to get at the rootlets.

I am using another simple device that works very satisfactorily, just a little frame work of lath that slips in between the perpendicular slats in front and reaches to the back, thus making a partition dividing off about one quarter of the coop. In this quarter I put a dish of dry mash and a dish of chick feed. The partition keeps the hen from getting at it, while the chicks can get it whenever they wish. The advantage is that I can feed them enough to last a day or two, and the hen can't scratch it over or eat it up. This system is working the best of any I have tried in forty years of poultry keeping. But you don't want any scaly legged hens and you must be sure the hens are not lousy.

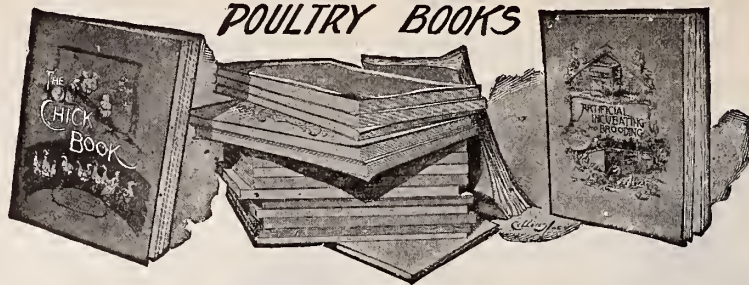
KEEPING CHICKENS FREE FROM LICE AND NITS

A good lice powder dusted liberally on the hens three or four days before they hatch, will kill the lice, but you can not rest there. Trouble will come from the "nits." At the base of every feather around and below the vent,—on a lousy hen,—will be found a bunch of small objects which are the nits. In my experience the lice powder does not kill these, but any kind of grease will. Never put any oil or grease on a hen before she is done hatching; it will close the pores in the egg shell and smother the chicks, but after the hatch is over, I take the hens intended for mothers and inspect them carefully for nits. I have a small tin oiler or squirt can filled with a mixture of kerosene and linseed oil. Kerosene alone is too harsh, it will cause the outside skin to peel off, but with half linseed oil it does no harm. Sitting on a stool with the hen's head down and the body between my legs, I can examine the region below the vent and drop a drop of oil from the can on every bunch of nits; don't put on enough to run all over the hen; just saturate the nits. I have never found them on my hens except on the feathers just below the vent. If a little too much oil is used and the chicks get it on them, it won't do any harm except to make them look dirty when the dust settles on them.

INCUBATORS AND HENS FOR HATCHING AND BROODING

I use incubators and hens for hatching, aiming to set enough hens to take care of their own and the incubator chicks. Four days ago I had 300 chicks hatched, 15 hens are taking care of them. In the four days I have lost but three chicks, two of which were weaklings that I killed myself. I have used lamp brooders for years, tried the Philo system, last year, and found it all right, if you are willing to spend all your time caring for the chicks during the first week or ten days until they have learned to go into the hovers themselves. Even then it may come off cold in the night and

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SOLVES all problems of artificial incubating and brooding. Tells how to obtain strong germ, fertile eggs, how to operate incubators and brooders, grow the greatest percentage of chickens, etc. 96 pages, 9x12, illustrated. Price \$.50

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A TEXT book for the beginner and for all persons interested in better poultry and more of it. Contains the "secrets of success," both for pleasure and profit. New and valuable information on all branches of the poultry business. 160 pages, 9x12, illustrated. Price \$1.00

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A COMPLETE text book and instructive treatise. Tells how to select breeders and how to mate for best results. Care, feeding and management fully discussed. Edited by J. H. Drevenstedt, breeder and judge. Three color plates by F. L. Sewell. 160 pages, 9x12, illustrated. Price \$1.00

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the chicks not have bed clothes enough on to keep them warm and so get chilled. That reminds me that it is well to go around and see that the chicks are not too unevenly divided among the hens at night; as I walk along in front of the coops if I see too many little legs sticking out from a hen, I take a half dozen or so and put them under a hen that hasn't so many.

It is a cold and rainy night as I am writing, but looking along the row of houses, not a chick was in sight, all were covered, and I know the heat will not run up in those brooders nor the lamp go out.

STANDARD POULTRY TOPICS FROM OVERSEAS

By W. M. Elkington, England

(Continued from page 783)

Similarly, when English breeders have fixed their feather traits you may help them to get better shape, and possibly by co-operation the two peoples might one day find it possible to produce and reproduce perfection in the form of a Wyandotte of the ideal American type with the color and lacing of the English ideal. That, I contend, is worth striving for. It would keep the Silver Wyandotte breed alive and instil a great enthusiasm into its patrons. But the danger that lies in concentrating on an easily attained trait like shape and adopting a commonplace ideal for feather properties is that it must always leave breeders with a sense that their work is unfinished, and among a progressive people such a feeling is not conducive to contentment. Candidly, I hope American breeders will not renounce open lacing, even if they lay more stress upon type, for though we are far apart at present, there is always a hope of our coming together some day, whilst we look to the same ideal and try to reach it in our different ways.

BRITISH AND AMERICAN WYANDOTTES

Mr. Drevenstedt quotes an opinion expressed by Mr. Wilfred H. G. Ewart in "Illustrated Poultry Record" to the effect that Partridges are the most perfect of the English Wyandottes, and with this I am in cordial agreement so far as feather properties are concerned, though unfortunately some breeders of this variety appear to be obsessed with the craze for size and consequently I would not call them the most perfect in regard to type. If it were not for this failing—or shall I call it exaggeration—it would not be a difficult matter to preserve good type in Partridges, for there is far more regularity in this variety than in the Silver. Judges do not, however, take as much notice of shape as feather properties, and a male with brilliant top color, well striped hackles and sound black breast fluff, or a female with soft brown ground color and fine, clear penciling, can generally win under a specialist judge, even if it is too big or too long in the back. It is another instance of the British taste for feather properties before type, and of valuing most

highly the points most difficult to attain. Whether you agree with this or not, there is no getting away from the fact that as Mr. Ewart says, "a good Partridge is a work of art," and it is a pity our color ideals differ so greatly.

Mr. Drevenstedt mentions this on page 471 of the March A. P. W. and suggests that we might come to an agreement by adopting an ideal darker than the English and lighter than the American birds, which as you might say, would be neither one nor the other, but would result in an unhappy medium that would please nobody. Candidly, I would rather come over to the American ideal than adopt a compromise half way between the two and for this reason, the glory of our English Partridge males in their bright crimson tops and lemon yellow hackles and the glory of your American males in their deep dark, rich color, so that if you depart from these and strike a medium, where does the glory and the beauty come in? When the first American importation of Partridge Wyandottes came to England, people shook their heads and said they would never do at all. They said, the males were too dull and dingy, not distinctive enough, and looked too much like a bad gold with a black breast, whilst the females were too red in ground color instead of being the genuine English Partridge color as bred in the Partridge Cochins. A few more birds were imported from America, but it

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Reepmeyer's Silver Laced Wyandottes *Again Big Winners.* This season at Grand Central Palace on four entries we won First Cock, First Hen, Third Cockerel, First Pullet. Madison Square, 2nd Cockerel, 2nd Pullet. Last season at Philadelphia in the largest and best class of Silvers ever shown we won First Pullet. At Buffalo, N. Y., First Hen. These winnings stamp them champions. Eggs from these winners \$5 per 15. Book your orders now. Write **J. REEPMYER, Jr.,**

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Win 1st, 2nd and 4th hen, 5th cock, 2nd cockerel, 1st, 2nd and 5th pullet, 2nd and 3rd pens, and best display at the Farewell show held in Madison Square Garden. We have brothers and sisters to these winners for sale, and we furnish eggs to hatch from our best pens. Send for Catalogue of America's Best. Address

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Box H,

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1st prize cockerel, Lansing, Mich., 1911. Show. Showing type of birds I breed.

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Crystal White Orpingtons

mated for egg trade this year. Send

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was quickly seen that the people did not care for the color, so breeders set to work and created new strains, with the result that the Partridge is today, so far as feather properties are concerned, the most perfect and most beautiful of the Wyandotte, and has enjoyed a boom that has put it right in the front rank.

ENGLISH PARTRIDGE WYANDOTTES EXCEL IN COLOR

I speak with authority when I say that English Partridge breeders will never depart from their color ideals, because, as I have said, the bright color is the glory of the male, and the soft brown color of the female is the correct color of the English wild Partridge. English fanciers who have visited America (among them a well-known gentleman who was among you at New York last December) have expressed to me a belief that American Partridge breeders would come over to our ideal if they saw our birds, and I am hoping to get together a small collection to be exhibited at the next New York Show, purely for demonstration purposes and to give American fanciers a correct impression of our ideals. In that lies the only hope of arranging an International Standard for Partridge Wyandottes, but though I would like to see such an agreement and the adoption of the English color standard by American fanciers, I must point out that the bright colored birds are much more difficult to breed than the darker ones, especially the males. My experience is that it is a comparatively easy matter to turn-out sound cockerels (sound in black, I mean) with dark tops and hackles, but when you try for bright color you introduce complications in the form of light undercolor and white in tail and flights. When judging Partridge males at the leading shows I have sometimes been attracted by a wonderfully bright colored bird that looked a certain winner in his pen; but when taken out his under-color on the back has been white, he has had white at the roots of his tail and white feathers in his flights, so that he has had to be put back, and a search made for the brightest colored bird with sound under-color, tail and flights. The lighter color in females presents no difficulty, and in this sex, the art of breeding lies in the production of fine, clear penciling. Here, I think, we may claim to excel, for whereas some of the best American feathers contain only two clear lines of penciling (rather broader than we like) and the beginning of a third, we generally get three clear lines, and recently I plucked and sent to a leading American breeder a breast feather with four clear lines and the beginning of a fifth.

BLACK WYANDOTTES

Black Wyandotte breeders have been discussing whether they shall throw overboard their present ideals and tolerate light under-color for the sake of making matters easier and doing away with the necessity for double-mating, but the support for this suggestion has come chiefly from small breeders and the leading men prefer to continue on present lines, even if the ideal is difficult to attain. Mr. Ewart seems to think the Black

is the least perfect of the English Wyandottes, but I do not share that view, and considering the variety has only been bred in earnest for a few years, I regard them as a remarkable achievement. Americans generally share this view, and I know Mr. Schilling was very pleased with the Blacks he saw last year, for he told me that the yellow legs gave them a much more finished appearance than the American dark legged birds. Of course, these yellow legs are partly a cause of the difficulty in breeding, for it is a puzzle to get yellow legs and sound under-color in cockerels. Such birds have been bred, but you might count them on the fingers, and having judged young birds at the Dairy and other shows last year, I am able to say there was not one cockerel absolutely sound. The best showed a little white at the root of his hackle, but beyond that he was a grand specimen with real Wyandotte type. Those who advocate a change in the Standard contend that, if light under-color was tolerated it would be possible to breed

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ORPINGTONS White, Buff and Black. America's greatest laying and exhibition strain. Eggs reduced. Greatest bargains in \$20 breeding pens ever offered. Circular and mating list free.

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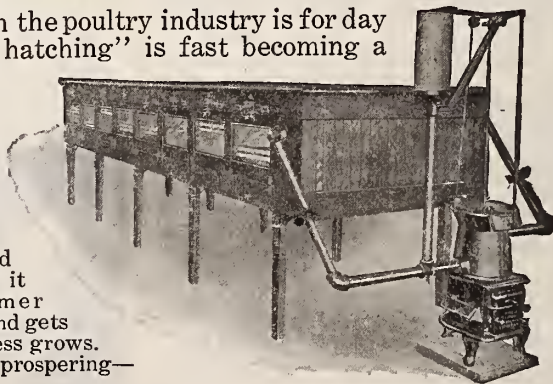
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winners of both sexes from one pen, but the objection to this plan is that it would be putting back the clock of progress and it is evident to everyone who understands the go-ahead character of English fanciers that if the easier standard was adopted and white under-color was permitted, breeders would reach the ideal so quickly that they would never rest until the Standard was changed again and sound under-color made imperative. To a real fancier double-mating does not present a real hardship. It makes matters more interesting and certainly more sure, so that even in many breeds in which double mating is not an absolute necessity, many people adopt this plan, because it gives them better results, and after all, it is good results we want, however we may be obliged to exert ourselves to get them.

RHODE ISLAND REDS

English breeders of Rhode Island Reds are not altogether as happy and contented as they ought to be with such a handsome breed to amuse themselves with. The fact is, the Standard has been causing trouble, and it may interest you because the Standard of the British R. I. Red Club is practically identical, word for word, with that of the American Club.

English breeders have wisely rejected proposals to interfere with the Standard by allowing striping in the neck hackle of the male and by eliminating any mention of red or salmon under-color from the Standard. They have decided, by a very large majority, that any interference with the present Standard—which is practically the American Standard—would be prejudicial to the interests of the breed, and the present trouble lies in the interpretation of the Standard and especially the color description. Some contend that a Red cannot be too dark and aim for deep mahogany or chocolate, whereas others are convinced that these shades are not red and that the ideal should more nearly approach a crimson shade. You must understand that we have no illustrated Standard on this side, and that the same birds will go round all the leading shows, thanks to the limited extent of our country and the excellent railroad and steamboat service, so that it is not good for the breed when birds that win under one judge are left cardless under another judge a day or two later.

UNIFORM STANDARD RED COLOR FOR BOTH COUNTRIES

This question of color in R. I. Reds

ought to be settled once and for all by the American and English Clubs. It cannot be wise to leave it to individual tastes to decide whether chocolate or crimson is the correct shade. Why should we tolerate such a vague and indefinite description of color when type is described as minutely and accurately? Perhaps the question does not appeal so strongly to breeders on your side, but I think it would be a good plan if the American and English Clubs would co-operate and put an end to all doubt. It will interfere with the breed's prosperity in England if the question is not settled very soon, for breeders are already splitting up into camps, one favoring dark birds and the other a lighter shade, and when such differences occur they are generally followed by a severe slump in the breed. Considering that a lot of English money has been sent across for American and Canadian Reds during the last two or three years, breeders on your side will feel a personal interest in patching up the trouble.

A BUSY SHOW SEASON

By the time this appears in print we on this side will be in the midst of our summer show season, and the early chicken shows will have already commenced. There are two distinct show seasons in England, the summer season commencing in May and ending in September, whilst the autumn and winter season begins with the Dairy Show in October and ends in January or February. The summer shows are generally what you might call out-door events—that is to say, they are held in tents in connection

PARTRIDGE ROCKS

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Winning males head every pen. Eggs \$1.50, \$3.00, \$4.50 per 15. Chicks, double egg price. Discount on quantities. Literature free.

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Tracey's Single Comb Reds

Eggs from choice matings, \$3 and \$5 per setting. \$10.00 per hundred. A few nice Breeders for sale. C. S. HUDSON, NEW BALTIMORE, N. Y.

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Ideal Poultry Yards, Shillington, Pa. Some grand cockerels and pullets for disposal, also a few good hens. We quote prices on application. Mention Poultry World. FRITZ & KRICK, Prop.

Indian Game and Wyandotte

SPECIALIST

White and Cornish Indians. White, Silver Laced, Silver Penciled, Golden Laced, Partridge, Buff and Columbian Wyandottes...

Write for Catalogue and winnings.

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HALF PRICE

After May 10th, all eggs from trapnested, heavy-laying White Wyandottes will be \$3 00 per setting, two settings for \$5.00, \$10.00 per one hundred.

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REDS

At 3 shows this season, 200 R. I. Reds shown, *Our Wellington Reds*, R. and S. C., won 51 of a possible 70 prizes: 16 Firsts, 19 Seconds, 6 Cup and Cash Specials. Best Display (10) Parti-Colored Birds, Best Pullet, American Class, Best Display (10) R. C. Reds.

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Send for Mating Catalogue. It tells how we give Better Quality for Less Money.

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That our Indian Runners are at the very top was proven at the great Chicago show, Dec. 14-19, 1912, when on 3 birds entered we won 1st cock, 1st cockerel and 1st pullet, truly a wonderful record and at such a show as Chicago. Don't be misled but buy eggs from an established strain with an established record. Our Orpingtons are of the same high quality as our Runners and have won at such shows as Ohio State Fair. Get our Mating List.

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WHITE WYANDOTTES GALA STRAIN BRED-TO-LAY

Are you the manner of man or woman who is looking forward to having Stock from a Strain of Bred-To-Lay White Wyandottes that are winners? Stock bred for egg production that are of such standard quality that they won 1st Pen, 2nd Pen, 4th Pen, and 5th Pen at Chicago, Dec. 1911? 1st Cock, 3rd Cock, 1st Cockerel, 3rd Cockerel, 4th Cockerel, 5th Pullet, 2nd Pen, 4th Pen at Indianapolis show January 1912?

THE OPPORTUNITY IS KNOCKING AT YOUR DOOR—LET'S GET ACQUAINTED. All these winning Pens are in our yards. A setting of eggs will start you.

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WIN ANYWHERE

Best Displays at Chicago and Boston, 1911 and 1912. Best Displays at Buffalo and Boston in 1911. We will sell a few settings of eggs at \$1.00 each from our best 5 pens, you take the same chance as we do, no other eggs for sale. We breed our winners and we can for you. Send for mating list.

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A remarkably fine specimen of the mature White Leghorn male, proving his winning qualities three years in succession at such noted shows as Boston, 1909, and Buffalo, 1910 and 1911, where he was awarded the blue ribbon in the cock class. In head points and typical carriage is one of the finest White Leghorn males ever exhibited.—J. H. Drevenstedt.

with agricultural shows, flower shows and galas, whilst the winter shows are held indoors and are, except in a few instances, poultry shows pure and simple. Leading exceptions are the Dairy Show and Birmingham, for the Dairy is, as the name indicates, namely, an exhibition of dairy cows and appliances, whilst Birmingham is primarily an exhibition of Christmas fat stock, including beast, sheep and hogs. Those Americans who have visited England in the summer know what pleasant gatherings our summer shows are, and amid what delightful surroundings many are held. The more important events are organized by the great agricultural societies, whose shows correspond with your fairs, and in some cases these societies have elaborate permanent show grounds and attract thousands of people. Nearly every county in England has its agricultural show, and many towns besides, so that as the majority cater for poultry we have a regular succession of good shows all through the summer, and occasionally thirty or forty large and small events in a week. The Royal Agricultural Show (the premier show of its kind in England) is held in different centers, and wherever it goes it attracts the finest chickens of the season and may

be said to lead off the important young bird shows. This season the show is at Doncaster, Yorkshire, commencing on July 2nd, and there is certain to be a strong display of chickens for the season has been favorable, and early hatched birds are numerous. I dare say Americans would be surprised to find January hatched chickens in the show pens early in July—fit and furnished and looking as though they thoroughly enjoyed it. But it must be remembered that English fanciers lay themselves out for that kind of thing and, encouraged by these early shows, they have mastered the art of growing frame and feather in double quick time, which may to some extent account for the tendency to get their birds too big.

Many of these leading agricultural shows are good business events, for for buyers of cattle, horses and even poultry come from all parts of the world. But apart from these important exhibitions, we have a very large

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Peifer's "Crystal" White Orpingtons of Quality
KELLERSTRASS STRAIN. At 8 exhibits I have won 19 firsts, 17 seconds, 10 thirds, 9 fourths, 6 fifths, 2 sixths and 25 specials. Stock and eggs for sale, also a few choice Barred Rock Cockerels, Latham Strain, at \$5 each—Bargains.
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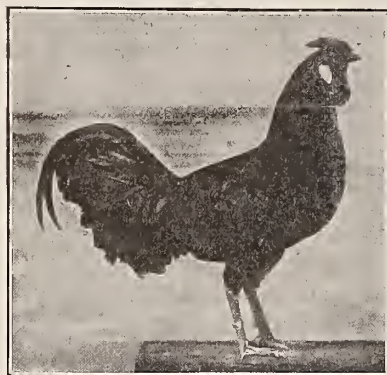
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First Prize Winners New York, Chicago, St. Louis and elsewhere. Exhibition birds for any show. Breeding stock of great laying qualities, trap-nest bred for egg production. Eggs for hatching in any quantity, guaranteed. Catalogue free.

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S. C. WHITE LEGHORN and BUFF ROCK EGGS

at half price after May 15th. Baby Chicks at reduced prices. Bred from our Philadelphia, Scranton, Williamsport Winners. Write your wants to

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SANBORN BUFF WYANDOTTES

Blue Ribbon Winners at New York and Boston.

At Boston Show, 1912, won 1st hen, best color and shape female, 2nd pen, 1st prize males at Boston, New York and Washington, head four matings. Circular and prices.

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They have won over 50 ribbons and cups the last two seasons—12 years of careful breeding has made our strain one that breeds true to type and color. A cockerel of our breeding, sold to a N. Y. State customer, sired the best pullets of the season. We have yet to meet defeat in the show room. Eggs from 3 splendid matings nearly all of which are high scoring prize winners \$5.00 per sitting, fertility guaranteed. Stock always for sale. Address

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The quality of the "Wolverine Strain" is approached by but few and equaled by none. Their record at Jackson, Mich., and Cleveland, Ohio, 1912, challenges comparison. Several hundred head of exhibition, breeding and utility birds, for sale. Eggs from 40 grand pens at \$10, \$5, \$3 per 15 or \$65, \$30, \$15 per 100. Expressage prepaid on original shipment.

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WHITE AND BUFF ORPINGTONS

WHITE AND BUFF LEGHORNS

ORPINGTON DUCKS

At Madison Square Garden our White Orpington Cockerel beat the undefeated Champion of England. At Grand Central Palace our Buff Orpingtons won special best display also special best pen. Our Buff Orpington Ducks at Madison Square Garden won over the undefeated Champion Drake and Duck of England. Our Leghorns big winners at Red Bank and Monmouth County Fair—35 firsts, 30 seconds, 27 thirds, 10 fourths, 5 fifths, 1 sixths. We have 10,400 egg machines and can furnish S. C. White Leghorn Chicks and Orpington Ducklings, also stock and Eggs, Orpingtons. Write for Mating List.

DUNROBIN FARM, A. B. Dalby, Owner,

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number of minor shows, which might be termed holiday events, which are held in connection with flower shows and galas and attract people who want to be amused. A typical show of this class is held in my own little town, Kenilworth, which being located in Shakespeare's country close to such historic places as Warwick and Stratford on the Avon, is visited by thousands of American tourists every year. We hold our shows in August among the ruins of the historic castle where Queen Elizabeth held revel, and which has been immortalized by Sir Walter Scott. Here in the midst of some of the finest rural scenery in England, we have two or three large tents of flowers, vegetables and farm produce, and another large tent for poultry, where we accommodate upwards of seventy classes, besides another fifty classes for pigeons, rabbits and small stock. This, of course, is a one-day show, but there is no hurry and bustle and no discomfort for the exhibits or exhibitors. All the work is apportioned and the tents, staging and pens being erected by the contracting company the exhibits begin to arrive the evening before the show and are put into their pens as they come. The remainder arrive by the early trains next morning and the judges commence work at ten and are generally through by one o'clock, in time for lunch. Then the crowds turn in, and on a fine day we get thousands of people by train, by motor, by cycle and by horsed vehicles from busy towns like Birmingham, Coventry and Leamington, attracted by the flowers and the poultry and the bands, and above all by the day's outing in one of the prettiest spots in England. At eight o'clock in the evening we close the poultry tent, half a dozen of us take off our coats and pack up the exhibits, and by eleven o'clock at night the last trolley load has been taken to the station to be dispatched on the midnight trains, so that the birds will reach their homes next morning. This is no light task when there are perhaps 500 birds to handle and pack; but it is astonishing what a lot half a dozen willing helpers can do in three hours, especially when each man knows his work. The exhibits are checked off the catalogue as they are packed and any error can easily be rectified. This is a brief description of a typical one-day English country show, and lest you may imagine the organizers and workers have a terribly trying time, let me say that it is the red letter day of the year. All the workers, with the exception of the tent and penning contractors, are voluntary members of the committee, all are practical fanciers, accustomed to handling poultry, and all thoroughly enjoy the show. When the exhibits are penned in the morning the stewards are able to enjoy a respite, whilst

the judging is proceeding and only two or three remain on duty during the morning to post the prize cards and make out the awards. In the afternoon the busy workers can mix with the crowd and enjoy themselves.

Very little business is done at shows of this character. Occasionally one may sell a few birds, but the majority of the people are out for a holiday and the bulk of visitors are of the middle and working classes, dressed in their best, all bent on seeing everything and having a jolly good time. Then of course, every fancier within a radius of 30 miles makes it a point to attend, for Kenilworth is the biggest summer show in the Midlands of England and we get exhibits from all parts of the British Isles, especially in Wyandottes, which have about sixteen classes. Of course, a show like this pays its way by means of the gate money it attracts, and in that respect it enjoys an advantage over the winter fanciers' shows, which have no other attraction and being held indoors in a limited space, do not draw the public like the summer holiday shows.

A. B. C. BUFF LEGHORNS

The attention of those who intend to purchase Buff Leghorn stock or eggs is directed to the advertising of A. B. Cox, of Rochester, N. Y., elsewhere in this issue. Mr. Cox has originated the well-known A. B. C. strain of this variety and has won the coveted honors at leading shows. Mr. Cox announces that after May 20th, he will sell eggs at half price, \$3.00 per setting, or two settings for \$5.00, for the balance of the season. Mr. Cox guarantees satisfaction and those who place orders with him can rest assured that they will get full value.

ORPINGTONS

Black, Buff, White

1911 WINNINGS—Rockton, Mass., Hartford, Conn., So. New England, New London, Conn. 1 won 35 Ribbons, 20 Firsts, 10 Seconds and 5 Thirds, Three Silver Cups, Many Specials. Send for mating list. Stock for sale—Hens, Pullets and Cockerels. J. J. Cruttenden, Elmgate, Waterford, Conn.

To Insure Against Delay Order Your Day-Old Chicks Early

We are booking orders for spring deliveries now, and are offering baby chicks at attractive prices from hardy, prolific egg laying strains of S. C. Rhode Island Reds and White Wyandottes. We guaranteed satisfaction and safe delivery.

HILLDALE POULTRY FARM, Krentel Bros., Props., EAST LANSING, MICH.
Reference Capital National Bank, Lansing.

FAIRFIELD WHITE ROCKS TO THE FRONT

Winners at Allentown, Pa., Philadelphia, Pa., and at Bridgeton, N. J., 1911 won, 1st, 3rd cock, 1st, 2nd and 5th hen, 1st, 4th and 5th cockerel, 1st, 2nd and 3rd Pullet, 1st pen, in a very large and strong class; also Commercial League Cup. Three years in succession for best display all varieties of Plymouth Rocks competing, also special for best male bird and also for best bird in the show on cockerel. We will be ready after February 1st, to fill orders for eggs, on short notice. Eggs from special matings \$5.00 per 15 Utility eggs \$1.50 per 15. Eggs by the 100 or more a matter of correspondence.

FAIRFIELD POULTRY FARM,
H. W. Schnitzer, Prop., FAIRTON, N. J.

CHRISTIE'S SINGLE COMB WHITE AND BROWN LEGHORNS

Remember we are the originators of these two famous strains of Leghorns, and in the hands of our thousands of pleased customers, they have proven just as we have represented them for the past twelve years—the greatest layers of large, white-shelled eggs in the world to-day. Our 24 page catalogue is at your disposal. Write for it.

F. W. CHRISTIE, Prop.,

WAYNE POULTRY FARM,
Box 67,

STONY POINT, N. Y.

"Superior" Columbian Wyandottes Make Another Great Winning
My birds have excellent Wyandotte type and particular attention has been paid to produce strong hackles and wings. Write for catalog of stock and eggs. M. B. Shaw, Box 432, Cardington, O.

White Wyandottes Graves Strain

Eggs for Hatching. Orders booked now. Write for circular and prices.

A. M. Stewart, Box 25, Butler, Ohio

\$10.00 EGGS FOR \$2.75



After May 10th, I will sell eggs from my (8) Champion Exhibition Matings of Peerless Exhibition Single Comb White Leghorns (the recognized best combined exhibition-laying strain in America) positively without reserve \$2.75 for 15; \$5 for 30. These pens contain 1st Chicago Cockerel, 1st K.C. Cock, 1st Indianapolis Cock and 5 other males that rank with the finest living. Why pay three

or five times my price for quality that cannot be better.

EGGS from 30 other Grand Pens \$1.75 for 15; \$3.00 for 30; \$9.00 for 100. Fine big eggs; low tailed birds; the best layers in existence. Remember many of the best Show Leghorns are hatched in June and July.

6000 Blue Blooded Chicks now growing. Contract with me for your fall show birds. I have furnished the big winners for 15 years. You are sure to win with my strain. 24-page catalog free.

LEON C. HUNTINGTON,
Box 12 G, Sta. A, OMAHA, NEB.

POULTRY WORLD AFFAIRS

The Defiance (Ohio) Poultry Association is one of the most active and progressive in the Buckeye State. Regular meetings are held monthly at which breed, type and color are discussed, members bringing the live-feathered subjects up for discussion. At the May meeting, S. T. Campbell, Secretary of the American Poultry Association, addressed the members of the club by special invitation and this proved to be the banner meeting of the season.

—o—

The Watertown, N. Y., Poultry Association is contemplating a hen and egg census of the county of St. Lawrence in order to ascertain the egg production and to secure the names of all poultry raisers. This is a move in the right direction, as it will result in obtaining fairly accurate figures of the eggs and market poultry produced annually in the county and the prices realized for same. It will also benefit the local association by increasing its membership.

—o—

J. R. Terry, formerly assistant poultryman at the O. A. C., Guelph, Ontario, and since January 1st, 1911, Provincial Poultry Instructor for British Columbia, has been appointed Chief Poultry Instructor for that province. The vacancy caused by Mr. Terry's promotion has been filled by H. E. Upton, who for the past two and a half years has been poultry instructor under Professor W. A. Brown, at the University of Maine, Orono, Me. Mr. Upton is an ex-student of the O. A. C., Guelph, Ontario, Canada.

—o—

The Poultry Index for April is a blue ribbon number, the contents being principally devoted to the publishing of the first prize winners at the twenty-one representative poultry shows of the United States, held in 1911-12. The names of the judges, dates of the shows and other data are given in connection with the names of the exhibitors who captured the blue ribbons in the different classes. This number of the Index will prove a book for handy reference in the future, and like all other monthly issues of "The Poultry Index" will be found valuable and interesting to poultry breeders.

—o—

W. C. Pierce of the Buschmann-Pierce Farms Co., Carmel, Indiana, believes that the Rhode Island Red breed, if it is going to be supported by a club, the latter should be a representative one and men elected to office that will work for the advancement of the breed.

In the last two years, a number of members of the Rhode Island Red Club of America with receipts for membership could not get ballots to vote for nominations or elections after writing to the election commissioner and secretaries.

Mr. Pierce states that he has the names of over 11,000 breeders of Rhode Island Reds that have written to his farm in the past two years, and if one-third of these will join a club that will be a representative one and will work for the interest of the breed, it will be the largest specialty club in the world.

Every breeder who joins this new club when sending in \$1.00 for membership, will be asked to vote on the following: "Do you think it best to issue the Club Catalog without advertisements or with them?" It has been suggested that the club should simply list the names of every breeder, stating that they breed Rose or Single Comb or both varieties, and not have any advertisements of the breeders in same, but get out a book that is instructive and interesting without advertisements. Mr. Pierce, who is acting as temporary secretary, will take it upon himself to guarantee the issuing of a club catalog by October 1, 1912, as he feels that he is most deeply interested in the welfare of the Reds and wants to see a club put on its feet that is a club, one that is not sectional and one that will treat every member right, no matter in what section of the country he may live. Members will have a right to vote on

all club elections and other matters of importance.

He thinks that every section of the

MORGAN'S BLACK LANGSHANS and ROSE COMB WHITE LEGHORNS

Exhibition and utility stock for sale. Write for my free price list.

MORGAN BROS., Dept. 4, W. ALEXANDER, PA.

WHITE WYANDOTTES EXCLUSIVELY

I have a few breeders for sale. Eggs for hatching, \$2 per sitting. Circular.

Mrs. Edith M. Handy, R. R. 1, Winchester, N. H.

DODGE'S WHITE ROCKS

Grand winners at N. Y. State Fair and Rochester in strongest competition. Unexcelled for utility. Eggs \$1.50 and \$3.00 per 15; \$7.00 per 100. Circular free. F. M. Dodge, Route W, Frankfort, N. Y.

Maplecroft S. C. Rhode Island Reds

Stock and Eggs for sale. For circular, address MAPLECROFT FARMS, J. G. Dutcher, Prop., Pawling, N. Y.

1 Price on all our eggs after May 15
Reds our specialty. Discount on
Baby Chicks. Send for Catalogue.

2 **ROCK CREEK FARM,**
Route 2, GENESEO, N. Y.

BEAUTIFUL OLD COLONIAL HOUSE

22 rooms, fine shade, ¾ acre of ground. All modern improvements (steam heat, gas, Spring-field water, model plumbing), situated in rapidly developing suburb; one block to trolley; half-hour's ride to Philadelphia. This is an ideal home for a country loving family. Must be seen to be appreciated. Will be sold cheap. Terms to suit you. For particulars address,
EASTERN FARM AGENCY, 38 N. Broad St., Philadelphia, Pa

HOUDANS

that win best display at Philadelphia and both New York Shows.

F. J. REVELEY, EAST HAVEN, CONN.

Trap-Nested White Wyandottes and Kellerstrass Strain White Orpingtons

Bred from Chicago and Pittsburgh winners, 227 Egg Strain. Won 17 prizes on 18 entries at Attica Poultry Show, January, 1912, and Silver Cup for best display. Eggs from choice matings \$3.00 per 15. Satisfaction guaranteed.
K. J. HEABLER, Box 204, ATTICA, OHIO

Get FERRIS WHITE LEGHORNS

for your foundation stock. They have been bred for years to win and pay. Large, vigorous, great layers. Winners at St. Louis Toledo, Detroit, Pittsburg, Louisville and the Michigan, Indiana, Iowa and Tennessee State Fairs. Exhibition birds of finest quality at reasonable prices. All stock raised on free range—4,000 to select from. We sell on approval and guarantee perfect satisfaction. Send for 40 page illustrated catalogue giving prices and full particulars—tells just why Ferris Leghorns are such profitable winners. A postal will bring it.

GEORGE B. FERRIS, 558 No. Union, GRAND RAPIDS, MICH.

Tompkins and Scrantons Reds

SINGLE COMBS EXCLUSIVELY

GEO. W. WHITE, HAMILTON, MD.

MEMBER A. P. A.

"Riddell's Matchless Buff Wyandottes"

Recent winnings, New York State Fair, September, 1911. 1st pen old, 1st pen young, 4th cock, 4th hen. 1st cockerel, 2nd pullet.

New York State Fair, 1910. 1-5 cock, 1-3-5 hen, 1-5 cockerel, 1 pullet, 1 pen old, 1 pen young.
New York State Fair, 1909. 1-2 cock, 3-5 hen, 2-4-5 cockerel, 3-4-5 pullet, 1-2-3 pens old, 3-4 pens young.

Madison Square Garden, 1910-11. 1 cockerel, 1-3 hen, 1 pullet, \$25 cash special best display. All specials offered, including Club Challenge Cup for Best Buff Wyandotte in the show, on 1st cockerel.

Many of the above winners for sale. 30 cocks, 150 hens, 400 chicks to select from. Satisfaction Guaranteed. I own the birds I show and breed 99 out of every 100 of them.

ANDREW RIDDELL, R. F. D. 6, Box 26-A, GREENWICH, N. Y.

country should be represented on the executive committee and only one officer elected from a single state.

On June 5th, Mr. Pierce will send out the nomination ballots for the officers, and on July 1st, election ballots will be mailed and a committee appointed to open and count the ballots on July 25th.

—O—



J. HARRY WOLSIEFFER
Poultry Judge, Editor and Lecturer

Among the younger generation of poultry judges, J. Harry Wolsieffer of Vineland, N. J., has taken a place in the front rank with the best of them in the east. He is not only an expert judge of poultry, especially of the Wyandotte and Leghorn classes, but is a successful breeder of White Wyandottes and White Leghorns as well. Mr. Wolsieffer started raising poultry fifteen years ago on a farm in Egg Harbor City, N. J., breeding White Wyandottes and Plymouth Rocks at that time, but his ability was soon recognized and his services were engaged to build and manage the Brick House Farm at Fairtown, N. J., where he had charge of 2000 pigeons, 2000 laying hens and 500 ducks. After the death of the proprietor, Mr. Wolsieffer signed a three year contract with Buck Hill Poultry Farm at Cresco, Pa. It was there we found Harry Wolsieffer doing fine work in building up fine strains in White and Buff Wyandottes, specimens of which proved to be great winners at the Jamestown Exposition, Allentown, Scranton, Philadelphia and New York. At the expiration of his contract, Mr. Wolsieffer took up the judging of and lecturing on poultry, and settled down on his own farm in

Vineland, N. J., where he still breeds his favorites, the White Wyandottes. He is also doing good work as the editor of the poultry columns of the Philadelphia Record. Judge Wolsieffer has booked many engagements for next season, among them being such large shows as the Grand Central Palace, N. Y., Philadelphia, Camden and Richmond, Va.

—O—

The statement made by some advertisers of oat sprouters, that this process increases the feeding value of oats, should be taken *cum grano salis*. Prof. W. P. Wheeler of the Geneva Experiment Station in a recent issue of "The Rural New Yorker" expresses the opinion that—"The chief value of sprouted oats as a food, doubtless comes directly or indirectly from assistance in maintaining the palatability in an otherwise monotonous ration, serving in the place of cheaper succulent foods whenever these for any reason are not available. There is considerable loss of the nutritive material in grain whenever it is sprouted and less exists in the little plants unless they are carried to a stage where more is fed to them than air and ordinary water. We have no data that will show to what extent the use of such material in a ration will compensate for the loss of nutritive substance stored in the original grain."

GRANNIS BROS.

BUFF, WHITE, BLACK

ORPINGTONS

238 PRIZES AT 7 SHOWS.

Eggs and Baby Chicks at
Sweeping Reductions in
Prices for Balance of
Season.

Great Reductions in Prices
for the Finest Breeding
and Exhibition Stock. ::

Send for catalog and Special
Price List.

GRANNIS BROS.,

R. F. D. No. 14,

La Grangeville, Dutchess Co. N. Y.

ARMER'S BUFF ROCKS

Fred Armer,

My Buff Rocks won New York State Cup at Rochester, N. Y., in December, 1911, also four of the Firsts and three Second prizes at Albany, N. Y., January, 1912. Eggs for setting, also a few choice birds. Write for mating list.

Ballston Spa, N. Y.

FREE! — A BOOKLET THAT —
THOUSANDS HAVE ASKED FOR —
— ON —

MODERN SUCCESSFUL POULTRY FARMING

THE REASON — THE SELECTION — THE CARE
THE FEEDING — THE BREEDING — AND THE GROWING

OF
THE GREATEST KNOWN LAYERS

— MOUNT PLEASANT FARM —
SINGLE COMB WHITE LEGHORNS

BRED TO LAY
BREEDING STOCK EGGS FOR HATCHING

DAY OLD CHICKS

We Guarantee Safe Delivery Day Old Chicks
We Replace All Infertile Eggs

SEND FOR
OUR FREE
BOOKLET

PRONOUNCED BY EXPERTS
THE BEST WORK ON
MODERN SUCCESSFUL
POULTRY FARMING

MOUNT PLEASANT FARM

MOUNT POCONO, PA.

BOX B

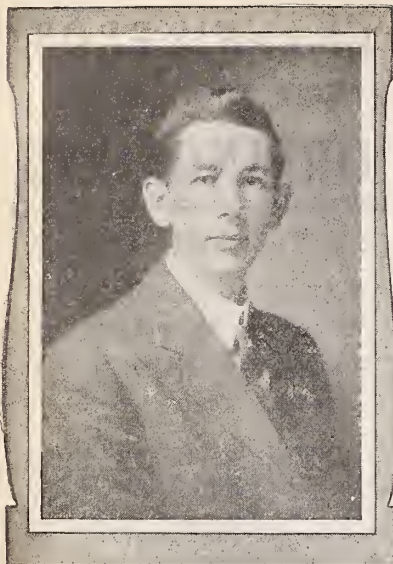
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Amateur
or
Expert

Please Pay money to
Mount Pleasant Farm

Hillhurst Columbian Wyandottes

Winners at New York, Boston and the Great International, Buffalo. Our show record is proof of our quality. Our yards are open for inspection—come and be convinced. Some high-class pullets for sale—clean, white bodies with matchless hackles and laced tail coverts. **BABY CHICKS.** We are now booking **Baby Chick** orders from matchless matings. Our **Baby Chicks** will develop into winners. **HATCHING EGGS,** can also supply eggs for hatching from the best matings in the country. Write for catalogue describing matings and giving list of winnings for last three years. It's Free.

HILLHURST FARM, J. B. Casterline, Mgr., Poultry Dept. W, ORCHARD PARK, N. Y.



WILLIAM F. KIRKPATRICK

Professor of Poultry Husbandry, Connecticut Agricultural College, Storrs, Conn.

On April first, William F. Kirkpatrick, whose portrait appears above, assumed his duties of Professor of Poultry Husbandry at Storrs' Agricultural Experiment Station, occupying the chair left vacant by Professor Stoneburn, who resigned his position to become partner in a large-commercial enterprise.

That the good work begun by Prof. Stoneburn at Storrs will be continued by his successor is assured, Prof. Kirkpatrick having the training and experience necessary to carry on the important poultry work at the Agricultural College. Wm. F. Kirkpatrick received his scholastic training at the North Carolina A. & M. College and has been connected with the Poultry Department of the Rhode Island Experiment Station for a little more than five years, and was in charge of the poultry work in the Mississippi A. and M. College until he was called to Storrs.

The Department of Agriculture, State of Pennsylvania, has just issued a large Bulletin on "Increasing the Winter Yield of Eggs," by W. Theo. Wittman, one of the leading poultry experts of America. Mr. Wittman is thoroughly versed in poultry lore and well acquainted with the conditions that govern poultry culture not only in Pennsylvania but throughout the United States.

This Bulletin covers all phases of poultry keeping, is beautifully illustrated, and bearing the stamp of the Department of Agriculture, can be depended upon to be authoritative and reliable. This Bulletin is free to residents of Pennsylvania, but the Department is also likely to honor to a limited extent requests from poultry breeders in other states. Apply to Hon. N. R. Critchfield, Sec'y of Agriculture, Harrisburg, Pa., and ask for Bulletin No. 219.

A report from Shawnee, Oklahoma,

says: Never in the history of Oklahoma have there been such heavy shipments of poultry and eggs, which the farmers have been converting into cash because of shortage in some one or more crops that have heretofore yielded heavily and caused the farmer to neglect the poultry yard. Five cars of poultry shipped from here were consigned to New York and three to San Francisco. Ardmore, Chichasha and Enid are reported as having made equally heavy shipments of poultry, while many of the smaller cities of the western half of Oklahoma have shipped from one to five carloads. The chicken is becoming a great cash producer in Oklahoma. It is expected this county alone will market \$100,000 worth of poultry, and the marketings of the entire state for the year will likely run into the millions of dollars.

At the poultry conference held in the Board of Trade rooms, Nashville, Tennessee, last month, papers were read and addresses delivered on poultry raising, which were both instructive and valuable. J. W. Morgan, proprietor of Morgan's Duck Farm, Riverton, Va., presided over the meeting. Resolutions were adopted urging the extension of the poultry knowledge through schools, colleges, farmers' institutes and other legitimate channels, especially through the pub-

BLACK MINORCAS Special sale of 200 grand breeders at Bargain Prices. Send Now for sale sheet.
HAROLD W. GOULD, LAKE GROVE, N. Y.
Member American Black Minorca Club.

—BUFF PLYMOUTH ROCKS—

Mating list free. Eggs \$5.00 per 15. Write your wants for stock and eggs.

JEFFREY & HERVEY,

RALEIGH, N. C.

ROSE'S BLACK ORPINGTONS WIN Madison Square Garden 1911, 3 Firsts; 2 Seconds; 2 Thirds; and 1 Sixth prize; also \$25.00 Gold Special Best Display. New York State Fair 1911, 5 Firsts; 3 Seconds; 3 Thirds; 3 Fourths; 3 Fifts; also \$25.00. Grand Special Best Display. A record unbeatable. End Of The Season's Breeding:—Have for sale some grand breeding yearling hens reasonable. Catalog free.
HUGH A. ROSE, Brakendale Farms, F. E. Gilbert, The Congo Orpington Man, R. 5, Lansdowne, Pa.
FRANK F. Conway, Manager. FONTHILL, ONT.

GIES' WHITE WYANDOTTES

Won at Albany, January, 1912. 1st hen, 1st Pullet, 2nd cockerel, specials for best, solid colored hen and pullet in show in warmest kind of competition. While my stock has been bred in line and have won consistently for years, the utility qualities have not been neglected. I have mated only about 20 birds (every one a winner) in trios and small pens and will sell a few eggs for \$3.00 and \$5.00 per setting, fertility guaranteed. Book your order now. Send for mating list.

A. J. GIES,

Box A,

DELMAR, N. Y.

GREAT ALLENTOWN FAIR POULTRY SHOW

Allentown, Pa., Sept. 24, 25, 26, 27, 1912.

"Noted for the way it does things and the things it does". If you have never been in Allentown Poultry Show you have missed something. Premium list ready in July. Several brand new features in poultry exhibitions in it.

HARRY EDELMAN,
Supt. Pigeon Dept.

W. THEO. WITTMAN,
Supt. Poultry Dept.

LANGSHAN HILLS POULTRY FARM
Chicks 20 cts. Eggs 10 cts. each.
1st Breeding pen for sale. to hens and Cock—
\$50.00. B. I. Prize winners.
NAPOLÉON J. BARNES, R. D. 6, Box 15, WINCHESTER, KY.

Rhode Island Reds ROSE SINGLE

ESTABLISHED 1885

Harris' record-laying and prize-winning strain, have won at New York State shows, Chicago, Boston and Providence. Breeding and show room stock at reasonable prices. Eggs for hatching year around.

ELM POULTRY FARM,
W. S. HARRIS, Telephone 98-2, MANSFIELD, MASS.

THE RIGHT TIME NOW. AN OPPORTUNITY CONGO WHITE and BLACK ORPINGTON EGGS



At reduced prices. The Stock every one needs and is buying. Winners at Philadelphia, Madison Square Garden and other large shows. Leading in the International Egg Laying Contest. Special June offer and prices with mating list sent free. Have the right quality first and you are sure of success.
F. E. Gilbert, The Congo Orpington Man, R. 5, Lansdowne, Pa.

lication of articles devoted to poultry subjects. Boys' and girls' poultry clubs and government farm demonstrations, as carried on in corn and tomato clubs, under the United States Department of Agriculture, were especially commended.

Those who made addresses on pertinent themes were: Mrs. Florence Forbes of New Decatur, Ala.; H. C. Pierce of the bureau of chemistry of the department of agriculture, Washington, D. C., and John A. Murkin of Nashville. Mr. Pierce spoke on "The Proper Marketing and Handling of Poultry and Eggs," and Mr. Murkin discussed the southern country as a coming field for the poultry and egg industry. In discussing his subject farther Mr. Murkin said in part:

"The chicken business is a big business. No one knows how big it is and it is a hard matter to find out. The reason it is so hard to find out is because so many people are engaged in it and because the chicken crop is not sold once a year, but every day of the 365 days in the year.

"Government statistics, incomplete as they are, show that cotton is no longer king, wheat has passed long ago, beef, pork and mutton are left far in the rear, and corn will be found in second place when the poultry is properly tabulated.

"The gross value of the poultry industry in this country may be placed at over \$700,000,000, of which \$300,000,000 represents poultry and \$400,000,000 eggs. Ninety-three per cent. of all farms in the United States raise poultry—more by far than any other kind of live stock—making poultry the most universally raised farm product in the country. More people in cities and towns raise poultry than any other agricultural product, plants or animals. According to government statistics poultry returns about 300 per cent. gross income on the investment yearly, greater than any other agricultural pursuit.

"The south is behind in the matter of producing poultry and eggs, because the people in the south are not educated along poultry lines. Lack of funds, lack of interest on the part of commercial organizations and business communities is, in a large measure, responsible for this. Notwithstanding the fact that the people in this section of the country have had little or no facilities for enlightenment along the lines of poultry culture, the poultry business is rapidly coming this way. It is now somewhat developed in the states of Kentucky and Tennessee, and is rapidly spreading southward, and especially in North Alabama, Mississippi and Georgia."

CAMPBELL MEETING A GREAT SUCCESS

The Campbell meeting held at Defiance, Ohio, in honor of S. Theo. Campbell, Secretary of the American Poultry Association, on May 14th, proved to be a most enjoyable occasion. The Defiance Poultry and Pet Stock Association is to be congratulated on its great success in bringing together several hundred poultry breeders and entertained them so royally that they all want to come

again next year. The following program occupied the attention of the chicken fanciers the greater part of the evening.

Introductory Remarks by President Albert Anderson of the Defiance Association.

"The Campbell Welcome" by Mayor Wm. A. Schmaltz of the City of Defiance.

"Efforts of the Defiance Poultry Fanciers" by Dr. N. G. Woodward, Chairman Executive Committee.

"The U. S. Government and the Poultry Industry" by Hon. T. T. Ansberry, Congressman of the 5th Ohio District.

"What Defiance Thinks of its Poultry Association" by Vice-President S. A. Craven of the Chamber of Commerce.

"Poultry Enthusiasm Among Association Members" by Mr. Chas. F. Stevens, Member of The Bend, Delaware Township.

"Defiance as a Poultry Raising and Buying Center" by Mr. Louis Boehm, Member from South Richmond Township.

"Poultry Facts" by Mr. S. T. Campbell of Mansfield, Ohio, Secretary American Association.

Secretary Campbell's talk on chickens, delivered in his usual earnest manner, was received with great pleasure and frequent applause. He gave practical demonstrations with live birds during his talk and answered all questions which were asked by those present.

The Sixth Regiment Band surprised the meeting by serenading it to

Indian Runner Ducks Madison Square Garden, N. Y. - 10 entries - 10 Ribbons including four Firsts, all specials. Boston, Mass. - 9 entries - 9 Ribbons including three Firsts, all specials.
EGGS STOCK
SINCLAIR SMITH, 602-5th St., BROOKLYN, N. Y.

PALMER'S WHITE ROCKS

Are bred to lay, and win the Blue Ribbons. We have a choice lot of exhibition and utility cockerels and pullets that will make fine breeders at reasonable prices. 150 this year's breeders cheap, must be sold at once. Send for booklet.

"THE GLEN" POULTRY FARM,

Box W,

BRIGHTON, N. Y.

SINGLE COMB WHITE LEGHORNS EGGS CHICKS - BREEDERS -

Four thousand Standard bred, range grown, heavy laying breeders mated, from which we sell eggs and chicks at reasonable prices. Send for our Catalogue, like our poultry it has Quality.

NEW YORK AND NEW JERSEY POULTRY FARMS, Inc.,
MARCUS ALLEN NORTHUP, Mgr., R. F. D. No. 1, ORANGEBURG, N. Y.

ARCHWOOD YARDS

Sussex Strain - - S. C. WHITE ORPINGTONS

An opportunity of a life time. To secure the best blood in the world at the price of ordinary stock. We will sell a limited number of settings consisting of an equal number of eggs from both Prince Laddie's and Laddie Boy's pens during this month only for \$5—But one setting to a customer. If we can not fill your order on receipt of same, we will return it by next mail unless otherwise instructed, and all orders filled in order received. Remember—Our best breeders and some of the greatest show birds in the world have been hatched in June—the month for type and color. Address.

ARCHWOOD YARDS, J. A. Parker, Prop.,

1157 Schofield Bldg.,

CLEVELAND, OHIO



R. and S. C. BLACK MINORCAS and R. C. BROWN LEGHORNS

EGGS & DAY OLD CHICKS "ONE-HALF PRICE"

You still have time to get started, so order at once, as we can fill it without delay. We are also offering 500 breeders and show birds at one-half their value, these birds must go during the next two months. Remember our birds won at Chicago, St. Louis, Indianapolis, Springfield and etc. Mating List Free. Send 2 red stamps for our big 30 page catalogue.

EDGEMONT POULTRY FARM,
W. O. Chase, Box Z. HILLSBORO, ILL.

ENGLISH ORPINGTONS

BLACK, WHITE, BUFF, Rose and Single Comb, Males \$5 to \$10; females \$3 to \$5.

John A. Hageman Co., 12-6 Box W, Charlotte, Mich.

S. C. BLACK ORPINGTONS

Stock for sale at reasonable prices. Eggs from all our prize winners. Every egg guaranteed fertile.
GIFFORD & WARREN, EAST WEYMOUTH, MASS.

SILVER SPANGLED HAMBURG

Sly's Silver Spangled Hamburgs are invincible. Partridge Rocks from best blood lines in America. Stock and eggs for sale. Write your wants. Don't fail to send for mating list. R. D. SLY for Hamburgs, CARL H. SLY for Partridge Rocks West Clarksfield, Ohio.

LAYING BRED BARRED ROCKS

"Top Notchers" at the nest. I am now booking orders for eggs; 15 eggs \$2.00, \$3.00 and \$5.00. Satisfaction guaranteed.

E. C. HEWITT, GRANVILLE, N. Y.

BUFF WYANDOTTES

"THE GREATEST WINTER LAYERS". Stock for sale. SUFFOLK FARMS, Box 54, LAKE RONKONKOMA, N. Y. Arthur H. Meyers, Owner, N. Y. State Vice-President American Buff Wyandotte Club.

S. C. WHITE ORPINGTONS - R. C. RHODE ISLAND REDS

Stock, Eggs and Day-Old Chicks for sale. Moderate prices and pleased customers our slogan. Write us.

D. E. PARSONS, BEACH PARK, OHIO

S. C. REDS EXCLUSIVELY

Eggs from four select exhibition pens \$5.00 per setting.

FRED W. BUTLER, R. F. D. 1, Box 50, LINWORTH, O.

SINGLE COMB WHITE LEGHORNS

A lot of cockerels that were raised on free range and are just in the right condition to head a breeding pen. Eggs in season.

C. J. BURKMAN, R. No. 2, BIRMINGHAM, MICH.

CONNECTICUT ROSE FARM S. C. B. LEGHORNS

Eggs in season. Member of American Leghorn Club and Wyoming Co. Poultry Association. Satisfaction guaranteed.

Wm. P. Safford, R. F. D. No. 1, Perty, N. Y.



**FIRST COCK AT ROCHESTER AND
GENESEO, N.Y. 1912.
BRED AND OWNED BY
E.B. FELLOWS, SCOTTSVILLE, N.Y.**

A large and vigorous Buff Wyandotte male of good type. A winner of several first prizes. Owned and exhibited by E. B. Fellows, Scottsville, N. Y.

wards the close of the same, which added greatly to the enjoyment of all present. During the intermission, the members served appropriate refreshments under the direction of Caterer Daldorf, tempting chicken sandwiches with hot chicken bouillon and lemonade.

To Secretary Bronson of the Defiance Association great credit is due for promoting this Campbell meeting, which those who attended it will talk about for many days to come, and the roosters who were present crowded their lustiest appreciation of the great doings there on May 14th.

H. J. GOETTE APPOINTED SECRETARY OF THE SILVER WYANDOTTE CLUB

Prof. Waldo H. Dunn, who for ten years has been the secretary of the Silver Wyandotte Club of America, has been compelled to resign that office, owing to pressure of professional duties. H. J. Goette of St. Paul, Minn., has been appointed to serve out the remainder of Mr. Dunn's term of office. Secretary Dunn's adminis-

tration has been so faithful and efficient that Silver Wyandotte breeders of the United States and Canada will greatly regret his retirement from the office he so ably filled. Mr. Goette, however, comes to the office highly recommended and as an old and experienced breeder of Silver Wyandottes will no doubt render valuable service to the club.

—o—

BLACK ORPINGTON CLUB

The Black Orpington Club will offer cups and medals at every State Fair in the country and at every winter show next season to members in good standing. State Cups will also be offered in every American State and every Canadian Province in which there are ten club members. The fact that the Black Orpingtons are now leading all breeds in the National Laying Contest now being held in Missouri, justifies an urgent campaign for five hundred new members to the club. Interested persons write the Secretary of the National S. C. Black Orpington Club, Cheviot Farms, R. 8, Sta. L., Cincinnati, Ohio.

*** All varieties of our most popular breed, the Plymouth Rocks, fully described in our new book "The Plymouth Rocks." Sells for \$1.00 the copy ***

*** We can furnish any magazine published, get our prices ***

ANDREWS WHITE WYANDOTTES Have made a World's record at Boston

They have been winners at Boston for fifteen generations, where the best and largest classes of White Wyandottes in the World are shown. Will sell a limited number of eggs from small matings, giving you my 20 years of experience in mating and breeding, at \$10.00 per 15, \$18.00 per 30, \$25.00 per 45. Send for handsome circular and mating list. J. W. ANDREWS, Box W, DIGHTON, MASS.

What Better Blood Lines Can You Get?

What you sow that also shall you reap. Kellerstrass White Orpingtons—Duston White Wyandottes—Oakland White Leghorns—When you want quality we have the best. PRICES OF EGGS—12 eggs guaranteed fertile out of each setting. White Orpingtons, \$4 per 15 eggs. White Wyandottes, \$3 per 15 eggs. White Leghorns, \$1.50 per 15 eggs. Write us your wants—we guarantee to please you. SCHLAYBACH & FRANCIS, Office, John Hartman Bldg., YORK, PA.

CEDAR HILL WHITE WYANDOTTES

The leading winners at Philadelphia, Camden and Wissinoming.

Stock and Eggs for Sale. Eggs half price after June 1st.

CEDAR HILL POULTRY FARM, Box No. 5, NEWPORTVILLE, PA.

Ferd L. Spielberger and Henry A. O'Reilly, Props.

ALT'S S. C. REDS

The International Champions

Choice Breeders for Sale after June 15th

H. W. ALT, Box 3, 87 Fuller Ave., Buffalo, N. Y.

White—ORPINGTONS—Buff

Unexcelled layers. Fine stock for sale. Eggs from best pens \$3 and \$5 per setting. Send for Mating List. Address

Applecroft Farm, Roland Davis, Mgr., New Baltimore, N. Y.

Build Own Incubator Easy



My big Free Book of Plans and Instructions makes all simple as A.B.C. Shows how my patented Lamps, Regulators, Thermometers, Tanks, Egg Trays etc., save money and worry. Thousands enthusiastic. Write now for big Free Book. H.M. Sheer, Dept. 8, Quincy, Ill.

60 VARIETIES FANCY POULTRY

Geese, Ducks, Turkeys, Chickens, Pea Fowls, Guineas, Pigeons and Rat Dogs. Incubators, Brooders and Poultry Supplies; Stock and Eggs cheap. New 60 page Catalogue, 2 cents. F. J. DAMAN, FARMINGTON, MINN.

Rowley's White Rocks R. C. Black Bantams At the great Trenton, N. J., Fair, we won on White Rock. 1 hen, 1 cockerel, 3-4 cock, 5 pullet. R. C. Black Bantams 1 cock, 1-2-3 hen, 1-2-3 cockerel, 1 pullet—competition was keen but our quality won out—it will do the same for you try us. Stock or eggs for sale. Satisfaction guaranteed. EDWIN ROWLEY & SONS, TRENTON, N. J.

CHAMPION BLACK ORPINGTONS

Have Four Fine Matings For 1912.

Egg orders booked now.

ALBERT L. STOODT, MANSFIELD, OHIO

Barred Rocks Neafie Bros. White Rocks

Madison Square Garden—Philadelphia—Trenton Fair We have egg orders booked from some of the largest and oldest breeders in America. Another convincing fact. Some fine stock for sale. We raise all our winners. Neafie Bros., Drawer N-1, Spring Lake Beach, N. J.

Crystal White Orpingtons

My stock is from a \$500 Kellerstrass pen. Extra good breeding hens \$2.50 each. 15 baby chicks from first prize pens \$5. From extra good pens 25c. each. James D. Cheesman, Box W, Andover, N. Y.

HERE'S WHERE YOU COME IN

You are aware of the advantage to utilize waste for profits. You can earn \$5.00 to \$6.00 a day on a small investment of \$85.00 in a 5 gallon tax-free distilling apparatus, converting waste into fluid or solidified industrial alcohol, only one man to operate it. Any one interested in converting alcohol or gasoline into solid cubes should write at once or send us \$5.00 for the non-technical secret, how simple you can make it at your home and use it in auto motors at less cost than you can buy gasoline or coal oil for. The work is always to your liking and its the sensation of your life to see your bank account steadily increasing by the earning of this wonderful apparatus.

Yours truly,

The Wood Waste Distilleries Co., Inc., Wheeling, W. Va., U. S. A.

Eggs
for hatching
at 1/2 price

THE BEST BUFF ROCK BLOOD

into your flock. Write for our 1912 catalogue—telling why our method of selecting eggs gives you an exceptional opportunity to raise prize winners.

THE LINFIELD POULTRY FARM,

Box W,

Linfield, Mont. Co., Pa.

ANGELO J. MYERS, Prop.

JOHN W. POLEY, Mgr.



STANDARD BRED FOWLS ANSWERS TO QUERIES

CONDUCTED BY J. H. DREVENSTEDT

DUCK-FOOTED

(G. F., New Jersey.)—Duck-footed is a term applied principally to Games and Game Bantams, when the hinder toe instead of standing straight out, turns in like a duck's. The illustration on page 21 of the American Standard of Perfection conveys a clear idea of a duck-foot. It might properly be called a deformity, as it is due to a faulty socket which caused the toe to turn inwards. It is a serious defect and in Malays it is a disqualification under American Standard rules, but in England, Game and some Bantams with duck-feet are passed over by the judge. The hinder toe should stand out straight, almost in line with the center toe to properly balance the bird.

SHERWOODS

(B. K., Delaware.)—Sherwoods are not a new breed. They were extensively advertised by W. Atlee Burpee in 1890, but never became popular, although they possessed excellent table and laying qualities. The resemblance to the White Plymouth Rock in color and shape, excepting that they had scantily feathered shanks, no doubt caused their decline in public favor, so that few if any Sherwoods are bred and exhibited today. They originated from a Light Brahma—White Game—many years before Mr. Burpee introduced them.

BLACK INDIAN RUNNERS

(D. T., Maine.)—1. No Black Indian Runner Ducks have been exhibited at any of the American shows, that we are aware of, but this new variety is being bred in Germany, where it originated some five years ago by E. Chur, who selected White Indian Runner Ducks and crossed them with a Black East Indian Drake. The result was satisfactory as far as color was concerned, but they failed in not possessing the characteristic carriage and shape of the true Runner. But by careful selection and line breeding for several years, specimens were produced that rivalled the fawn and white varieties in type. 2. The color of Black Runners should be; plumage,

lustrous greenish black, but this black color is obtained by sacrificing the yellow bills and legs.

FERTILITY OF EGGS CAN ONLY BE ASCERTAINED BY INCUBATION

(F. M., Georgia.)—Fertile eggs can not be distinguished from infertile ones by any outward test or examination. The only means of telling whether an egg is fertile is to put it under a hen, in an incubator or breaking it to find the germ. If ever a reliable means of ascertaining the fertility of eggs by a practical X-Ray examination is found, it will prove a boon to poultry breeders, as no infertile eggs would be sold or be replaced.

EXHIBITION STANDARD AND NON-STANDARD VARIETIES

(E. W. P., Catskill, N. Y.)—1. At poultry shows held under American Poultry Association rules, non-standard varieties are awarded prizes in the classes provided for by the management, as it is optional with the latter, whether or not cash prizes or ribbons are offered on new breeds or varieties. 2. If there is only one entry in a class, first prize will be awarded to the

MADISON SQUARE GARDEN WINNERS
S. C. Black Minorcas and White Plymouth Rocks. 200 Elegant birds for sale. EGGS FOR HATCHING. Satisfaction guaranteed. Write your wants. A square deal every time.

HILLSIDE POULTRY FARM,
Niles B. Smith Prop., Box W, CHATHAM, N. Y.

VINCENT'S BUFF ROCKS

A choice lot of birds for sale. Also eggs for hatching. Satisfaction guaranteed. Write for mating list.

JAS. H. VINCENT, HAZELTON, PA.

"Yellow Jacket Strain" "Nothing Hotter"

S. C. BUFF ORPINGTONS

The kind that its a pleasure to raise, because they are Winners, Layers and Payers. Eggs at living prices. Write us.

E. W. STULTZ, ZIONSVILLE, IND.

RICHARDSON'S ROSE COMB REDS

Madison Square Garden, Baltimore, Hagerstown, won this season 5 firsts, 4 seconds, 4 thirds, 1 fourth, 5 fifths. Write your wants. Member Red Club and A. P. A.

M. C. RICHARDSON, JR., FRONT ROYAL, VA.

Kaufmann & Windheim's R. C. Rhode Island Reds

Win more firsts than all other breeders combined at Madison Square Garden, December, 1911. Write your wants and send for handsomely illustrated catalogue.

KAUFFMANN & WINDHEIM, NUTLEY, N. J.

ZELLER'S WHITE ORPINGTONS

Eggs \$1—\$2.25 for 15. Choice females \$2 up. Males \$5 up.

MILTON POULTRY YARDS

L. P. Zeller, Prop., MILTON, IND.

EGGS BUFF WYANDOTTES EGGS

From Bred-to-Lay winners of Standard size that will produce around healthy chicks equal to the Best in the World \$2.00, \$3.00, \$5.00.

T. C. BROWN, NO. ADAMS, MASS.

Single Comb Rhode Island Reds Victory Strain

My Reds closely approach Standard in both shape and color. Mating list free.

C. L. HAWBECKER, BLOOMSBURG, PA.

"H & D" Fireless Brooders are made of non-conducting, water-proof, corrugated fiber board; capacity, 50 chicks. Perfectly ventilated. No cold corners. Price \$2. We also make Egg Boxes, Baby Chick Boxes, etc. Satisfaction guaranteed. Write for free booklet today. The Hyde & Dauch Paper Co. Sandusky, Ohio.



ROSE COMB REDS

1st pen and 1st cockerel and 7 other ribbon on 9 entries at the Big Boston Show. Eggs from the Best Matings reduced to half price

PAYNE BROS.,

PORTLAND, CONN.

Better place your order for Eggs from the best White Runners now

Our record at MADISON SQUARE, AUGUSTA and ATLANTA indicates the quality of our stock. It takes quality to win at these shows, where we won SIX out of a possible seven firsts, two seconds, one fourth and six specials. MATING LIST FREE, ASK FOR IT. EGGS \$10.00 PER TWELVE.

RENDOTTE FARM,

P. O. Box 300,

ATLANTA, GEORGIA

ALLEN'S EMPIRE STRAIN COLUMBIAN ROCKS

MADISON SQUARE GARDEN WINNERS
At the Pittsburg Show, January, 1912, my Columbians made a clean sweep winning all five first prizes, as follows:—1-2 cock, 1-2 hen, 1 cockerel, 1 pullet, 1 pen.

IF YOU WANT TO WIN TRY THE EMPIRE STRAIN

Choice Cocks, Cockerels and Pullets for sale. I am now booking orders for eggs for hatching from the choicest matings of this variety ever put together. Write your wants. Complete mating list free.

S. C. ALLEN,

R. F. D. No. 5,

ORCHARD PARK, N. Y.

LOCUST HALL POULTRY FARM

BARRED PLYMOUTH ROCKS

AMERICA'S BEST BLOOD

Eggs from prize matings, \$3 per 13. Utility Eggs, splendid quality, \$1.50 per 13; \$10 per 100. One fine cockerel and three females \$10 and up. This offer is a bargain while my surplus lasts.

DR. EDWARD J. NESBITT, "Locust Hall", POUGHKEEPSIE, N. Y.

specimen entered, provided it is worthy of same.

3. It is not necessary for a breeder to accompany his birds to a show, as the superintendent will take care of the receiving and cooping, recooping and reshipping of the entries from near and distant points. But, wherever exhibitors possibly can accompany their birds to a show, it will prove beneficial, as they can often improve the condition of their exhibits by personal attention before the judging begins.

SUN-BLEACHED WHITE FOWL

(O. B., Ohio.)—The creaminess of the plumage is due to the fact that the natural sap of the feather has not dried out, so that exposure to the sun is really beneficial, as it will have a tendency to bleach the feathers the same as linen is bleached when spread in the sun. But over-exposure should be avoided as it may cause the plumage to become tanned. Some strains of the so-called "stay white" kind, will not be affected by the sun as a rule, but it is best not to take too great chances with choice exhibition specimens in exposing them continuously to the rays of Old Sol.

TREATMENT OF WHITE EAR-LOBES

(G. H. T.)—It is not an easy matter to remove cream color from ear-lobes that should be pure white unless bleaching is resorted to, which if done with chemical agents, would come under the basis of faking. Zinc ointment is recommended and used by many poultry breeders, and that you have not succeeded in removing the cream from the ear-lobes of your Leghorns with this preparation, indicates that the color pigment is too strongly developed to be eradicated by ordinary means.

White ear-lobes must be manipulated from the time they begin to develop until fully grown. Manipulating by hand, after they have been washed with a little castile or ivory soap and a soft cloth or sponge, consists of rubbing gently with the thumb and finger, a "lobe mixture" made of oxide of zinc and glycerine or vaseline. This will improve the color and smoothness as well as enlarge the size of the lobes. Washing with warmed water and milk, and applying a touch of powdered oxide of zinc to dry them, is a method used by many English breeders when preparing to send their birds to the showroom. The whiteness of the ear-lobes is also improved by keeping birds in a fairly dark pen or room.

FAVEROLLES UNJUSTLY CRITICISED

(A. W., Wis.)—The statement made by *Poultry Herald* that "Faverolles are not a common variety of fowls in this country, but are bred to some extent in England," and that "from the American point of view they are more or less unsightly with their feathered heads and muff-like growths under their beaks," are misleading and incorrect. Faverolles originated in France where they are grown extensively for market as they possess exceptionally

fine table qualities. They have also become the most popular French breed in England at the present time, but English fanciers have greatly im-



A beautiful little Golden Seabright cock in color, the lacing of the feathers being particularly even and sound in color on the main tail and covert feathers. This bird also won the blue ribbon as cockerel at Boston, January, 1911. Bred and owned by H. A. Rose, Welland, Canada.

proved the exhibition qualities over the old type of French Faverolle imported into England about 1896. There are several varieties of Faverolles, the Salmon, Ermine, Black and White. The Salmon variety is the most common, and at about ten years ago, was fairly well represented at our leading shows, but the Ermine with its rather indistinct Light Brahma markings, never became popular. The Black is still in the making, but the Whites have been bred and perfected to such a high standard of excellence that they command the attention and admiration of all poultry breeders who

have seen them at the recently held shows in England and America. White Faverolles made a distinct hit at the Madison Square Garden Show last winter, even old breeders of other varieties being impressed with their striking appearance. In proclaiming such a breed as "more or less un-

SMITH'S LINE BRED WHITE ROCKS

Madison Square, Boston and Cleveland winners. EGGS from best 3 pens \$5.00 per 15, 11 fertile guaranteed per setting. Send for Mating List. WALNUT POULTRY YARDS, Gny E. Smith, Prop., Box W, BUCYRUS, OHIO

ROSE COMB REDS

Bred-To-Lay Barred Rocks
Hundreds of mature, early hatched young birds. Low prices to quick buyers.

E. E. BIMM, 1507 Vista Avenue, SOUTH BEND, IND.
IMPORTED S. C. BUFF ORPINGTONS
We have the best. None better anywhere. Eggs guaranteed 80 per cent. Fertility. Our beautiful illustrated catalogue and mating list sent free on application.

DARST'S S. C. BUFF ORPINGTON FARM
C. N. Darst, Prop., JACKSONVILLE, OHIO

PAGEL'S SANITARY FOUNTAIN Non-Freezing
Keeps water warm in winter and cool in summer. The handiest thing ever offered the poultryman. Send for free circular.

FRED PAGEL, ROCKFORD, ILL.
ORPINGTONS—S. C; BLACK AND WHITE
Superb Strains—Raised On Separate Farms
If you want to get in the King Row get some of our stock or eggs. Our birds are winners. Write for mating list and egg price. Stock for sale, prices reasonable.
STAUFFER BROS., R. D. Box 108, APPLE CREEK, OHIO

BUFF WYANDOTTES

Send for Mating List. Eggs as Represented.
J. E. BURT, ATHOL, MASS.

120 PAGE POULTRY BOOK FREE

Tells how to succeed with poultry on the ordinary farm. How to make a first-class brooder out of an old piano box. What breeds lay best. Plans for poultry houses, how to feed, breed, etc. Describes

PRAIRIE STATE Incubators and Brooders

You will be surprised at the valuable information it contains. It's free. Write a postal for a copy today. (14)
Prairie State Incubator Co., 481 Main St., Homer City, Pa.

Keeler's White Wyandottes

The World's Greatest Strain.

Bargains in breeding stock during the summer months. Eggs half-price. 1500 youngsters growing, ready September 15th.

CHAS. V. KEELER, Box A, WINAMAC, IND.

BLUE HILL POULTRY FARM BARRED PLYMOUTH ROCKS EXCLUSIVELY

My unbeatable strain is the result of 20 years scientific breeding. 2nd cockerel at New York, 1911. At Chatham, N. Y., 1911, I won 1, 3 cock, 1, 3 hen, 1, 3 cockerel, 1, 3 pullet, 1, pen fowls. Also Sweepstakes Cup. Eggs from best matings \$5.00 per setting. Don't pay excessive prices.

PATRICK CANAVAN, PHILMONT, N. Y.

We Please the Hard to Please, because we are Reliable, Responsible, Reasonable
QUALITY VITALITY UTILITY

Breeders of Single Comb White Leghorns. Mammoth Incubators, capacity 20,000 eggs at one sitting. Baby Chicks. Eggs for Hatching. Write for free illustrated booklet.

SPRING WATER POULTRY FARM, Frank J. Eppele, Prop., STOCKTON, N. J.

S. C. Reds Exhibit--Heavy Layers Reds R. C. Winners Wherever Shown

Large in type—"Permanent Rich Red Color." Farm raised. **WHITE LEGHORNS—WHITE ROCKS.** Send for mating list.

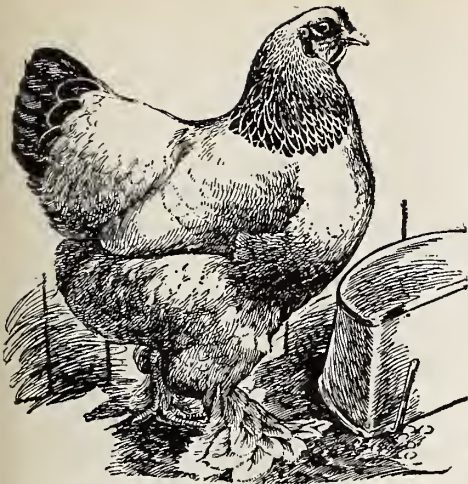
E. E. WELLS, Elm Farm, COHOES, N. Y.

The World's Best Weckler Buff Rocks

They have been line bred for the past 15 years and I have made a specialty of high class show and breeding birds. I have bred, showed and sold more prize winning birds than all other Buff Rock breeders in the State of Indiana. I have mated for this season 4 grand matings. They are mated for best results—every bird is a high class breeding bird as well as many of them prize winners in the show room. All true to Rock shape, up-to-standard weight, heavy bone, extra good eyes and combs. Eggs from this mating, \$5.00 per 15, \$8.00 per 30, \$20.00 per 100 Eggs. I have also mated a fine lot of utility birds, all large, good color, strong and vigorous. \$1.50 per 15, \$6.00 per 100 Eggs.

A. L. WECKLER,

BUNKER HILL, IND.



Light Brahma Bantam hen, winner of first prize at the Madison Square Garden, New York, 1911. An excellent type of the Brahma Bantam female size and shape being very close to Standard requirements. The color markings are also sharply and clearly defined. This fine hen was exhibited by Hugh A. Rose, Welland, Canada.

slightly", the editor of *Poultry Herald* could not have based his criticism on first class specimens of this French breed, and certainly not on the White variety.

2. There are but few breeders of Faverolles in America at the present time, J. T. Cohoe of Canada, being the first to import, breed and exhibit the White variety, but several other well known poultry breeders in the United States have taken up White Faverolles, so we may expect to find the latter well represented at the leading shows next season.

LEROY E. SANDS, HAWLEY, PA.

During the month of June there are probably more opportunities presented to those who have a desire to enter the poultry industry than at any other season of the year. This month witnesses the close of the breeding season and the majority of breeders are anxious to dispose of their breeders to make room for their growing stock and offer high-class birds at prices that are but very little higher than those asked for table poultry in the city market stalls. To those desiring to secure White Leghorns of high quality, we would call attention to the advertising of LeRoy E. Sands, Hawley, Pa., on page 798 of this issue. Mr. Sands announces the sale of 700 head of choice breeders, 500 of these are to be disposed of at \$1.00 per head and 200 that represent the pick of his flock are to go at \$1.50 each. Mr. Sands' Leghorns have made a reputation for themselves as prolific producers of large white eggs and his average last year for a flock numbering over 1,200 head was a trifle above 11 dozen per bird. He will be pleased to tell you all about this stock and we advise that you write him immediately, stating the number of birds that you wish to purchase and inclose the amount. We can give you the assurance that Mr. Sands will do by you as he would like to be done by and feel sure that you will not regret having made the investment. When writing do not fail to mention AMERICAN POULTRY WORLD.

THE ZENNER DISINFECTANT COMPANY

At this season of the year a reliable disinfectant is almost indispensable on any well regulated poultry farm. The brooders should be washed frequently with hot water that contains a good disinfectant and the water fount should also be treated likewise. It is also desirable to spray a strong solution

around the roosting quarters of the old fowls, as well as the growing stock. One of the many disinfectants that is endorsed by the majority of leading poultrymen as being near the top of the list is Zenoleum. It also bears the approval of over forty of our leading agricultural stations and has also been used very extensively by Professor Graham of the Ontario Agricultural Station at Guelph, Ontario, Canada, in incubation experiments and his report of these experiments is very interesting.

This report has been incorporated in a booklet issued by the Zenner Disinfectant Company, 270 Lafayette Ave., Detroit, Mich., and is called "Chicken Chat." This booklet will be sent free to all readers of this publication upon application.

ONLYA FARM WHITE WYANDOTTES

On account of moving to their new farm, Chas. Staaff, manager of Onlya Farm, Morristown, N. J., makes announcement that they will dispose of several hundred choice birds at remarkably low prices, select females will be offered at \$2 and \$3 each and a few males of high quality are to go at prices ranging from \$3 to \$5. Mr. Staaff states that there are several winners among the birds he offers for sale. Poultrymen who desire to secure high-class breeders for next season's use should not miss this opportunity. Look up their advertisement on another page in this issue. The index will locate it for you. When writing do not fail to mention AMERICAN POULTRY WORLD.

G. B. WARD, PENNINGTON, N. J.

Among the new advertisers to join the advertising ranks with this issue is G. B. Ward of Pennington, N. J. Mr. Ward is a breeder of Dark Cornish fowl and his advertisement will be found on the inside of the back cover. He is now conducting a summer sale and offering choice breeders in pens, trios or single birds. Mr. Ward will be glad to hear from any reader of AMERICAN POULTRY WORLD who is interested in this variety and their requests will have his personal and prompt attention. When writing do not fail to mention AMERICAN POULTRY WORLD.

Cox's New York Winning Single Comb Buff Leghorns

The A. B. C. Strain has Type, Size, Color, Quality, and if you want such write me for mating list and prices. Grand breeders properly mated for sale. Eggs for hatching from selected matings. None Better and perfect satisfaction assured.

A. B. COX,

49 Thurston Road,

ROCHESTER, N. Y.

S. C. WHITE ORPINGTONS

Having purchased eggs from "Kellerstrass Famous Pen of 30" two years ago and reinforced them by birds from Kellerstrass, Bullington and Jones of Wisconsin. I am now able to dispose of a few extra snow white birds of extra quality. Eggs \$5.00 and \$10.00 per 15. Book orders early.

ROBERT S. DOMBAUGH, M. D.,

1213 E. Church Street,

MARION, OHIO

THE PERFECTION FEATHER BROODER

The only Brooder in the World, where the little chicks hover in natural Feathers just as they do under the mother hen. We guarantee better results with our brooder than with any other make of fireless or heated. Our feather hovers are the only practical system for large or small brooder houses also can be used successfully in any other make of Brooders. Write us today for our catalogue explaining our system. It's Free.

Perfection Feather Brooder Works,

Box B,

Blue Island Avenue and 14th St., Chicago, Ill.

Single Comb White Leghorns Exclusively

D. W. YOUNG'S STRAIN - THE FINEST IN THE WORLD

Four thousand breeders on my famous Free Range System, quality and laying qualities unsurpassed. Hatching Eggs \$5.00 per 100 balance of season in any quantity, no order too large. Orders filled on a days notice. Eggs now running over 90 per cent. fertile and hatching 70 to 80 per cent. of all eggs set in my own incubators.

Baby Chicks \$10.00 per 100 balance of season, the kind that live. Shipping 3500 weekly. Prompt shipments. The male birds on my plant are pure white with those low tails so much sought after. My book "Profits in Poultry Keeping Solved," shows where the money is—Price \$1.00 or given free with all \$10.00 orders. Send for circulars or order direct from this adv. to save time.

EDGAR BRIGGS,

Box 31,

PLEASANT VALLEY, N. Y.

Royal Roup Cure Does the Work

Look out! One sick bird will infect the whole flock! Don't wait, a 25 cent box will cure dollars' worth of fowls. Every package guaranteed to cure or money refunded. Chas. O. Jackson, Norwalk, O.

Eakin's White Wyandottes

They are large vigorous birds that will breed winners for you.

F. M. Eakin, Box 61, Bucyrus, Ohio

Bred to Lay and Win B-Rocks-W. & S.C.-Reds-R.C. 200 Egg Strain, 200 Blue Ribbon Strain. Eggs \$1 set. Chicks 10c, each. Eggs guaranteed to hatch. Catalogue free. One Kant Klog Sprayer free in every town. Mapeling Poultry Yards, L. Box 124, N. Pulaski, N. Y.

Turkeys, 5 Varieties

Bronze, Black, Slate, Buff, White 30 head Peafowls for sale. Importer, Exporter and breeder of all varieties Land and Water Fowls. Stock and Eggs.

JESSE BURNSIDE, R. R. No. 11, JUDSON, IND.

Orpingtons-Reds, White, Buff & Black-Both Combs Eggs for Hatching. 40 grand pens mated for 1912 egg trade. Send for catalog. Satisfaction guaranteed.

ALLEDALE FARMS,

QUINCY, ILL.

Join the "TOBASCO CLUB"

It consists of Rhode Island Red exhibitors. Its business is to help its members win. It can help you to win. Write for particulars.

OLD ACRES,

FOXBORO, MASS.

20th Century Feeding Devices



Make summer feeding profitable by using the 20th Century Feeder and Exerciser, Dry Mash Feeder and Drinking Fountain. For outside or indoor use. Made of best material and are the dependable kind, it will pay you to investigate. Our catalogue is free.

H. E. & C. S. BARNES, 86 King Ave., COLUMBUS, OHIO

KEEPING POULTRY ON THE FARM OR BACK LOT AND WHY IT PAYS

**PEDIGREE TRAP-NESTED STOCK FROM 200-EGG PARENTS, THE KIND
THAT PAY. BUFF ROCKS, BARRED ROCKS, R. I. REDS OUR FAVORITES**

BY R. C. BLODGETT

Poultry on the farm as well as in the city or village lot, is fast becoming a prominent factor in our great industry, as the years advance and the methods of keeping the same are in no way behind this advancement. Many farmers throughout the country are taking up poultry keeping either as a business or in connection with dairying or fruit and bees. The keeping of poultry is one of the most paying pursuits today if rightly managed, and I shall endeavor to set forth in this article the methods by which we have been successful, and know of many others doing likewise, and feel safe in saying that most anyone with a fair amount of gray matter can do likewise.

In breeding fowls we have had many kinds and strains of the same kinds. We have found that to be successful in a high degree one must *know his stock*. Don't keep or breed haphazard bred stock. We have trap-nested our birds and perfected them from year to year until we now know for a certainty what to expect in profits and this means success. Birds laying 180 to 230 eggs per year stand for something and come from something except "Mongrelism" and "Barn Yard foolism."

While we breed a number of kinds of poultry we find the Buff and Barred Rocks and R. I. Reds the best all purpose fowls, being the most easily raised and seem to have more ability to make good as layers and payers, being very alert and active. They are the breeds of all large breeds for eggs. No breed having quietness of nature ever amounts to a whole lot as a layer. It takes a hen with vim that can hustle out in the morning, and all day, singing while she works, to do the laying, and the larger birds are the ones that set around and roost all day and they are the ones that eat their heads off, all to no purpose, except to lower your pocketbook.

From one flock of 200 females an average 100 eggs per day the year round may be had, which is 250 dozen a month, 3000 dozen a year. At an average price of 25 cents per dozen would make the amount for eggs sold on the market \$750.000. The cost of feed being about \$1.25 per bird would total \$250.00 for feed, leaving \$500 profit from 200 hens per year or \$2.50 per bird, to say nothing of eggs sold for hatching and day old chicks at a greater profit than at market prices for the eggs. We also make about \$200 from fall shows, net profit, on premiums won. Our sales of eggs from pedigree stock increases annually and we sell thousands of "baby chicks" each year from our record layers, this farm being the first in

Vermont to sell day-old chicks. The sale of breeding birds both males and females is very large, so you can see that our birds pay. We raise and handle annually several thousand head. It is entirely possible for you to do as well as we do by breeding from pedigree stock. If you haven't them, then it's up to you to get them. This can be done correctly by getting a pen of females mated to a record bred male, by obtaining a record bred male and thus infuse new blood of laying bred stock into the offspring.

For hatching purposes we use incubators, "life is too short to use the hen," brood in our own "Sunnyside" brooders until well feathered, then put into colony houses. The chicks are fed dry grains from the start, the first week only oatmeal, dry, is fed. The grains fed are cracked corn, oats and barley, wheat and millet, with liberal quantity of beef scrap "which does the trick," and gets them to laying in early fall at latest. Grit, oyster shells and charcoal should not be omitted and an abundance of pure water given at all times. By honesty and fair dealing a man can build up nice trade in stock, eggs and baby chicks. There is a good deal of pleasure as well as profit to be derived from the business. The enjoyment of winning the blue in competition with your brother breeders, cannot be overlooked and we annually attend several shows and our

success is attested by the ribbons, diplomas and cups won.

In conclusion let me say, if you have common poultry and are dissatisfied, if you have good stock yet, don't it pay? or if you have not started yet, to you all let me say start now.

BUFF ROCKS-KERLIN'S EVERGOLD STRAIN
Pittsburgh exhibition show, 1st hen and 2nd pen, two entries.
1st cockerel, Allentown Fair, best hen in show, Pottstown, 2 pens; Philadelphia, special pen. \$5.00 Eggs.

KERLIN FARM, R. F. D. 2, POTTSTOWN, PA.

HOWLAND'S BUFF WYANDOTTES

Have won the blue at New York, Boston, Philadelphia and other leading shows. Circular. Satisfaction Guaranteed
STUART A. HOWLAND, GRANVILLE, N. Y.

Rose Comb Reds Our matings are the strongest in our history and we sell eggs from these matings without reserve at \$5.00 per 15. Send for catalogue. Address Red Lion Poultry Yards, Jenkins & Park, Props., CHATHAM, Col. Co., N. Y.

JERSEY STRAIN S. C. WHITE LEGHORNS

Guaranteed eggs from large, vigorous two-year old females mated to superior males, \$4.75 per hundred. Catalogue Free.

North Jersey Poultry Farm, Box W, Ramsey, N. J.

BUFF WYANDOTTE CUP WINNERS

20 fine cockerels and some pullets for disposal. Mating list quoting prices.

E. B. FELLOWS, SCOTTSVILLE, N. Y.

S. C. RHODE ISLAND REDS

I have been 10 years breeding Reds and never had stronger birds than this year. Eggs from my best pens \$5.00 for 15. Send for mating list.

GEORGE P. DEARBORN, BLAIRSTOWN, N. J.

ROSE COMB REDS that are red S. C. WHITE ORPINGTONS Large, low down, blocky birds of excellent color. Eggs from either breed \$3 per 15, \$5 per 30. Satisfaction guaranteed. Member A. P. A., R. I. Red Club of America. Poultry Judge.

E. L. BARRETT, WAUSEON, OHIO

FREE SEEDS

Giant Poultry Beets

cut your feed bill in half; sow in June, 25c package (postpaid) will grow a ton; green feed next winter will fill egg basket; send names of five friends, poultry raisers and receive trial package free.

Poultry Feed Seed Co., Bow W, Attica, Ohio

SILVER WYANDOTTES Winning at New York State Fair, Rochester¹, also the International at Buffalo for the past three years. On 27 entries won 23 prizes. Eggs and Baby Chicks from our best trap-nested prize winners. A few cockerels at bargain prices. Satisfaction guaranteed. Circulars free.

TWIN BROTHERS POULTRY YARDS,

TULLY, N. Y.

TERWILLIGER R. C. B. MINORCAS ARE EQUAL TO THE BEST. After 18 years of careful breeding for egg producers, I have made 3 shows in 1911-9 entries, first show Westchester Fanciers Club, September 19-23; won 1, 2, 3 cock, 1, 2, 3 pullet and 2, 3 cockerel. Second Show, Grand Central Palace, New York, December 5-9, 1911, 5 entries, won 2 cock, 2 pullet and 1, 2 and special cockerel. Third Show at Peekskill, December 29, 1911-January 2, 9 entries won 1st cock, 1, 2 hen, 1, 2 pullet, 1 pen, 1, 3 and special cockerel. Cockerels, \$5.00 to \$25.00. Eggs for hatching. Write G. W. TERWILLIGER, MILLWOOD, N. Y.

S. C. WHITE LEGHORNS

OVERLOOK POULTRY FARM,

E. C. Landers, Prop.,

WHITNEY POINT, N. Y.

In order to make room for our youngsters we will sell at a sacrifice 200 strictly utility females all in fine laying condition. Many of these are from the numerous birds we bought of Pine Top Farm last year.

STOCK GUARANTEED

WHITE WYANDOTTES — The Winning and Laying Kind

At Albany, N. Y., January 1 to 5, 1912, there were 18 exhibitors with 180 White Wyandottes. There were 17 pens. We won 1, 3, 4, 5 pens. There were 17 cocks—we won 2, 3, 4 cock; best display, best pen of White Wyandottes, best pen any kind of Wyandottes, best solid color pen. Our S. C. White Leghorns are the same high quality. Stock and eggs for sale—both varieties. Eggs, \$3 and \$5 per setting. Utility eggs, \$6 per 100

WOODCREST FARM,

RIFTON, N. Y.

ORPINGTONS EGGS AND CHICKS

Buff, Black and White Orpingtons. Best blood lines in the country and unexcelled laying strain, as well as winners of many prizes in keen competition, including Madison Square and other shows. I also breed White Rocks, White Wyandottes and S. C. Reds.

Eggs \$3.00 per setting. Better pens all prize winners \$15.00. Chicks \$10.00 per 25 and up. Buff Orpington Duck Eggs from Madison Square and Philadelphia prize winners for sale.

Handsome two color catalogue gives full information and is free. I can please you in quality and price.

F. B. CRAWFORD,

Box 115-W,

RAHWAY, N. J.

Get some record stock and be a leader for more profits and better stock.

I have read of Maud Muller, who on a summer's day,
While barefooted, raked the new mown hay;

And of the maid who in early morn,
Milked the cow with a crumpled horn:
I have read the lays that poets sing—
Of rustling corn and flowers of spring;
But of all the lays of tongue or pen,
There's naught like the lay of a paying hen.

CHICKEN PROFITS

With eggs at 50 cents retail and dressed chickens higher than ever before in the history of the chicken business, the poultry raiser may well look forward with satisfaction to the opening of the spring season.

*The Same Amount
Of Feed Will
Raise Each*



Are you prepared to get your share of the golden shower?

Are you prepared to treat any symptoms of disease arising in your flock?

Do you realize that every time you bury a good sized chicken that you inter about one dollar and fifty cents of good money?

Do you realize that there is more money for less work in raising capons than in any other form of poultry raising?

Write G. P. Pilling & Son Co., 23rd & Arch Sts., Philadelphia, Pa.,—the easy to use capon tool people, for their books on the "Treatment of Poultry Diseases" and "The Caponizing of Chickens."

Mary Wilkins Freeman makes one of her characters say "Chickens allers die in debt."

Your's won't if you consult the firm of Pilling.

WELLINGTON REDS

The name, "Wellington Reds," is a very familiar one throughout the Middle West as E. W. Phillips, Box W, Wellington, Ohio, the originator of the strain, has been very successful at a large number of the leading exhibitions in that section. Having hatched a large number of chicks this season and having on hand a quantity that will be sufficient for his requirements, he has decided to sell eggs and chicks at greatly reduced prices for the balance of the season. The majority of the winners at our largest shows are June hatched birds, therefore, those who desire to purchase either eggs or chicks should get Mr. Phillips' prices before placing their order for either. Do not fail to mention AMERICAN POULTRY WORLD when writing.

MILTON POULTRY YARDS

L. P. Zeller, proprietor of Milton Poultry Yards, Milton, Indiana, breeder and exhibitor of the Lawrence Jackson strain of White Orpingtons, has made a special reduction in prices on eggs for hatching for the balance of the season. Mr. Zeller has three choice pens and from two of these he will dispose of eggs for \$1.00 for 15 and from the other pen at \$2.25 for 15. He also has several head of choice breeding males and females that he wishes to dispose

of to make room for growing stock of which he has an exceptionally fine lot. Females will go for \$2.00 and up according to quality and males for \$5.00 and up. He will also be pleased to quote prices on trios and pens.

The quality of Mr. Zeller's Orpingtons is of the best and readers of this magazine who are desirous of purchasing either stock or eggs can rely upon it that he will give them satisfaction or their money back. Write at once and mention AMERICAN POULTRY WORLD.

BYERS' SUMMER SALE OF ORPINGTONS

The 1912 Special Summer Sale List of Byers' Strain Orpingtons will be found interesting and valuable to Orpington breeders, especially those who have had indifferent success in hatching and raising chickens during the cold spring months, as rare opportunities to secure eggs and stock at reduced prices are offered in this businesslike pamphlet. C. S. Byers of Hazelrigg, Indiana, is one of the oldest and most successful Orpington breeders in the United States, having devoted fourteen years to the scientific breeding of Orpingtons only. His success as a breeder and judge of Orpingtons is recognized by breeders from the Atlantic to the Pacific coast. Mr. Byers personally supervises every sale, so that his patrons get the benefit of his selections of breeding and exhibition stock.

*** A. P. W. and any two fifty cent magazines for one dollar ***

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NO HENS

should be kept in your flock. It is worse than money wasted it is inhumane. Infected chickens can only lose you money. Why not keep your hen house clean, sanitary? Make it conducive to health, vigor—egg production. Avenarius Carbolineum will do it. Easily applied, permanent, cheap. Write today for free Bulletin on "How To Keep Vermin Away."

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Easy to use—Harmless to poultry, domestic animals and man. Write for full particulars immediately.
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YOUNG'S STRAIN S. C. WHITE LEGHORNS QUALITY STOCK

The kind that win—cockerel won first prize at Reading Show, 1911, extra fine and long tail. First, second and third on pullet. Stock of same strain for sale and eggs in season. Write for booklet.

MONROE POULTRY YARDS,
F. U. SANDS, 10 Monroe St., BOYERTOWN, PA

AMERICA'S BEST BUFF ROCKS

CLEAN SWEEP AT PITTSBURGH 1912

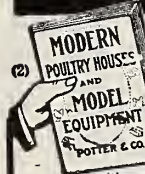
1-3 Cock; 1-2-4 Cockerel; 1-2-3 hen; 1-2-3 Pullet; 1-2 Pen. Silver Cup for best display, 24 first prizes at Americas leading shows. Eggs from pens containing our winners \$3.00, \$5.00 and \$10.00 per 15. We guarantee satisfaction. Send for circular and further information.

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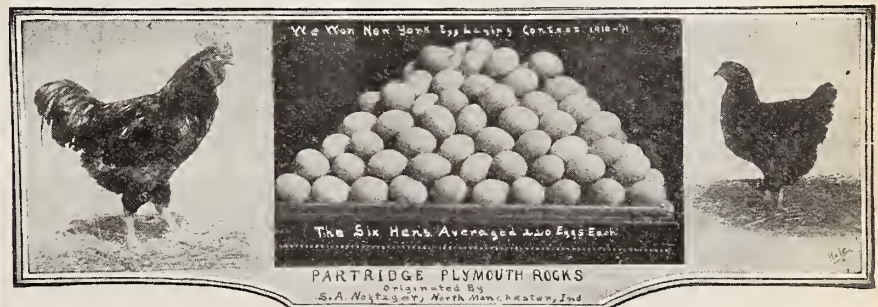
Houses made of matched Red Cypress flooring. Painted 2 coats. Every house set up and fitted perfectly at our factory. Shipped to you in convenient sections. Price for 25-Hen House complete with roosting and nesting fixtures, \$22. Twenty other sizes and styles to select from. Lowest prices. Book full of good ideas for poultry keepers. Mailed for 2 Red Stamps. Write today.

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The Breed that lays, weighs, pays, stays. The best investment today in poultry—Others make them pay you can.

Send for Free illustrated booklet. Write now.

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NORTH MANCHESTER, IND.

ORIGINATOR OF PARTRIDGE PLYMOUTH ROCKS

UTILITY

Winners for me and customers at all leading shows of America.



Conducted by William C. Denny

THE SOUTH'S GREATEST FALL SHOW

The next annual exhibition of the Tri-State Poultry Association of Tennessee, Arkansas and Mississippi will be held at Memphis, Tennessee, September 23 to 28, 1912. This show will be one of the most important held in the South next season, as the past exhibitions of the above mentioned organization have been so successful that exhibitors fully realize the value of winning a blue ribbon at Memphis, where competition is keen and where the management is high class. Briefly speaking Memphis has the prestige and enjoys the confidence of the poultry breeders.

The poultry building will be remodeled and cooping capacity increased, so that upward of 4000 birds can be penned. The cash and special prizes to be offered will be greatly increased and all the best features of their other exhibitions will be retained and many others added.

The judges selected are among the best qualified poultry experts in America, being men of long experience in handling and judging Standard-bred fowls at the leading shows of the East, West, North and South. They are Wm. C. Denny, Buffalo, N. Y.; C. H. Rhodes, Topeka, Kansas and F. J. Marshall, College Park, Ga.

The premium list is now being prepared and will be ready for mailing next month. Send a card to R. B. Buchmann, Secretary, 322 S. Main St., Memphis, Tenn., and receive a premium list, to be mailed as soon as same is off the press. Competition is open to the world at the South's greatest fall show at Memphis, September 23 to 28, inclusive.

AN UP TO DATE ASSOCIATION

That the Columbia County Poultry Association is alive and doing is proven by the fact that they are already working overtime to have the next show, which is held December 3d to 7th, far in advance of any previous show.

In order to increase the amount of money in their treasury each member of the Association who had pens sold at public, donated a setting of eggs which were sold at public auction. There was a large crowd of interested persons present and the Association realized a neat little sum.

Many special prizes have already been secured and many others are to be added to the already large list. Several requests have been received for the premium lists as soon as published.

From the present indications it seems that it will be a wise thing for the many poultry fanciers to raise a few extra good birds so they may attend this show. There is no doubt but that the different classes will be full and the competition keen. To win at Bloomsburg will be a great advertisement for all who are successful.

THE MIDDLESEX COUNTY POULTRY ASSOCIATION

The Middlesex County Poultry, Pigeon & Pet Stock Association will hold their next exhibition in connection with Meriden Poultry Association, January 14-17, 1913, at Middletown, Conn.

The past shows of this Association have been the real quality shows of Connecticut, and with Judges Welles, Stanton and Bunnell to place the awards, the next exhibition will break all records.

For further information address S. H. Stiles, Sec'y.

"NOTED FOR THE WAY IT DOES THINGS AND THE THINGS IT DOES"

The above is the slogan adopted by the Great Allentown Fair Poultry Show, several years ago, and ever since its adoption they have tried to make it a reality. Through these efforts the show has gained the reputation as one of the best conducted and best managed in America.

One feature alone that attracts an unusually large entry is its liberality with prize money. Twenty dollars for first and ten dollars for second prize is paid on pens. Its large list of champion and trophy cups has not been equaled by any other show. To win one of these cups is considered a high achievement by leading fanciers and the competition is always keen.

The premium list will be ready the latter part of July and a copy will be sent to all of last year's exhibitors. Others desiring a copy should make request of W. Theo. Wittman, Allentown, Pa.

ALBANY, (N. Y.) SHOW

The Albany, (N. Y.) Show will be held January 13-17, 1913. The following judges have been secured: Messrs. Shaylor, Card, Rockenstire and Denny. The state meeting of the National Partridge Wyandotte Club will be held during the show and valuable specials offered for competition among members.

BIG SALE

1,000 year old S. C. White Leghorn Hens at \$1.00 each.

500 year old S. C. White Leghorn Hens at \$2.00 each.

Ready for Delivery Now

Order direct from this ad.

Bargains in other varieties.

Write your wants. We are not selling out, just out-selling.

Hartman Stock Farm POULTRY DEPT.

E. T. JACOBS, Supt.

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WHITE ORPINGTONS

"OF THE BETTER SORT"
ARE WHITE AND STAY WHITE

Get Right. That means White. The yellow, brassy White Orpington is out of date. Send for our White booklet, it contains some boiled down facts and sound reasoning.

IT'S FREE.

MOUNTAIN VIEW FARM,

E. A. Haring, Proprietor,

R. F. D.,

South Kent, Conn.

FERRY'S

Black Langshans and Single Comb Black Minorcas

Have demonstrated their supremacy by winning the cream of the prizes at America's leading shows, this season. At Philadelphia, The Palace and lastly at the Great Madison Square Garden Show where they won on Black Langshans 1-2-3-5 cock, 1 hen, 2-4 cockerel, 3 pullet, 4 pen, winning best display. On S. C. Black Minorcas we won 1-5 pullet, 2-3 cock, 2-3 cockerel, 3 pen and best display. We breed none but the best. Our matings are the best in the land and we sell eggs from them all. Fertility guaranteed. Some of the best young and old stock in the world for sale. Write quick and get the pick. Address

C. M. FERRY,

SUMMIT, N. J.

OLD AND RARE BREEDS OF DUCKS

By J. H. Drevensedt

(Continued from page 779)

the eye to the neck separating the cheek and skull markings. The bill is orange, splashed with black, the latter, however, not touching the black "bean" at the tip. The bill of both the drake and the duck is less defined in color in summer, when the old drakes shed their male attire and assume the less gorgeous garb of Madame Rouen.

DEFECTS AND DISQUALIFICATIONS

In the English Standard the serious defects in color and shape for which specimens are handicapped or "passed" by the judges, are: leaden bill; no wing-bars; white flights; broken down in stern; wings down or twisted; wry tail; or any other deformity; in the drake no ring on neck or black saddle or bill; in the duck, white ring or approaching white on neck. By the American Standard, Rouens are disqualified for the following defects:—bills, clear yellow, dark green, blue or lead color; any approach to white ring on neck of duck; white in primaries or secondaries; twisted wing, crooked back, decidedly wry tail. Disqualifying Rouen drakes having dark green bills is in our opinion carrying the disqualifying business too far, as exceedingly fine specimens are occasionally found with bills approaching this shade of green; besides the distinction between greenish-yellow and "dark green" is not great enough to warrant the disqualification.

BREEDING FOR EXHIBITION

Notwithstanding the great difference in the color of the male and female, Rouen Ducks can be bred from a single mating, and produce excellent exhibition specimens, but the most satisfactory results obtained by using females of a darker shade of color for the production of the exhibition males, to sustain the color of the latter; lighter colored ducks with well defined penciled feathers for the females exhibition line. Rouen drakes when they reach the age of fifteen weeks assume their brilliant male plumage.

THE MALLARD

Mallards or wild ducks are becoming an important market product, the demand for them in the great city markets having grown so large that the supply of the wild brand during the unrestricted season is insufficient, which has resulted in the breeding of them on several large farms, where the environments are suitable and favorable. Once the taste of wild duck flesh is cultivated and appreciated, and it takes but few morsels of a well cooked duck to discover the savory character of the wild birds flesh, the demand for more of the same kind becomes a habit. It seems a great many people are forming this habit, to judge by the number of Mallards and other breeds of wild ducks annually sold.

The New York State Conservation

Department has realized this growing demand for Mallard Ducks and issued this year a book on "Breeding Mallard Ducks for Profit", written by Director W. T. Hornaday and Lee S. Crandall of the New York Zoological Park, New York. This book is beautifully illustrated with life pictures of Mallard Ducks and contains authentic information of great value to breeders of wild water-fowl. From this timely publication we reprint in part the following:

"Of all American Ducks, the common Mallard (*Anas platyrhynchos*) is the most persistent and successful breeder. It quickly becomes accustomed to captivity, it enjoys park life, and when given even half a chance, it will breed and rear its young. Its nearest relative, the Black Duck (*Anas rubripes*) is of similar size and desirability as a food duck, but its difference in temperament is a serious obstacle to its propagation on a commercial basis. The Black Duck is more nervous and shy than the Mal-

Pfouts' S. C. W. Leghorns Bargains now in eggs from special prize matings, \$3.00 for 15, \$5.00 for 30. Other grand matings \$1.00 for 15, \$5.00 for 100. Catalogue free.

P. R. PFOUTS,

BUCYRUS, OHIO

R. C. R. I. REDS (Bean Strain)

Old Stock for sale, winnings in back numbers.

Dr. H. E. Chesebrough,

Greenwich, N. Y.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

has been used over 25 years by
Successful Poultrymen
Because It Insures **Clean Fowls**

Is just the thing for sitters, as it does not harm eggs or chicks. Keep your hens free from lice and they will thrive and be profitable. Large sample of Powder or Ointment, 10 cents each. "A Sensible System of Poultry Keeping" by D. J. Lambert, mailed on request
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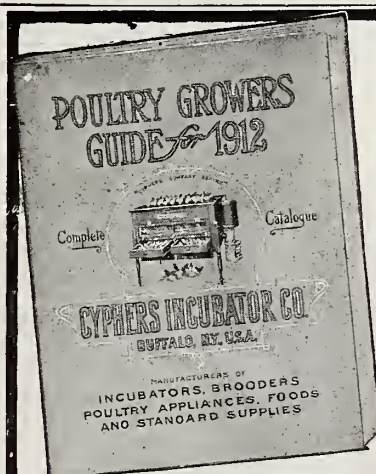
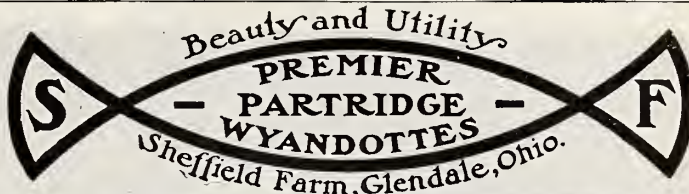
S. C. White Orpingtons

Eggs Half Price after June 1st.

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Everything for Poultry Keepers

WE manufacture more than one hundred articles for up-to-date progressive poultrymen and women, ranging from Cyphers Mammoth Compartment incubators holding 50,000 eggs at one filling down to a 10c trial package of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include:

Incubators
Brooders
Brood Coops
Chick Shelters
Brooder Stoves
Leg Bands
Egg Packages
Egg Testers

Caponizing Sets
Scratching Food
Developing Food
Chick Food
Forcing Food
Laying Food
Short-Cut Alfalfa
Meal Alfalfa

Full-Nest Egg Food
Nodi Charcoal
Poultry Remedies
Pigeon Supplies
Lice Powder
Nap-Creol (disinfectant)
Anti-Fly Pest

Egg Preservation
Fumigating Candles
Drinking Fountains
Grit and Shell Boxes
Food and Water Holders
Roost Supports
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Powder Guns
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Bone Cutters
Chick Markers
Bone Mills
Roost Cutters
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Poultry Books

Our Complete Catalog

"Poultry Growers' Guide for 1912" is the biggest and most helpful free Year Book we have ever issued. It consists of 244 pages (7x10 inches), is profusely illustrated and is full of sound, practical, money-making, money-saving ideas that point the way to greater poultry success. As examples of the truly helpful character of this book, here are the headings of eight free chapters.

I—How to Get Twice as Many Eggs from the Same Number of Hens. II—The 200-Egg Per Year Hen—How to Produce Her. III—Large-Sized Eggs in Demand as Well as Lots of Them. IV—Mating and Feeding of Fowls to Get Fertile Eggs. V—Selection and Care of Eggs for Successful Hatching. VI—Proper Care of Fowls and Chicks with Least Amount of Work. VII—How to Brood Chicks Properly at the Lowest Cost. VIII—Premium-Prized Table Poultry and How to Produce It.

This Big Catalog and Poultry Growers' Guide for 1912 is FREE, postpaid, to any address, if you will kindly mention that you saw our advertisement in this paper.

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Branch Stores and Warehouses: NEW YORK CITY, N. Y., 21-23 Barclay St., BOSTON, MASS., 12-14 Canal St., CHICAGO, ILL., 329-31 Plymouth Ct., KANSAS CITY, MO., 317 Southwest Blvd., OAKLAND, CAL., 2127-31 Broadway

lard, and its breeding is too easily interrupted.

"Unquestionably, the Mallard Duck can be reared in captivity in numbers limited only by the extent of the breeder's facilities. The amount of net profit that can be realized depends wholly upon the business acumen and judgment displayed in the management of the flock. The total amount of knowledge necessary to success is not so very great; but at the same time, the exercise of a fair amount of intelligence, and also careful diligence, is absolutely necessary. Naturally, the care and food of the flock must not cost extravagantly, or the profit will inevitably disappear.

THE POND

"Fortunately for Mallard breeding, an elaborate or costly plant is not necessary. The three things that are absolutely indispensable are a pond, a bit of meadow, and a certain amount of brush-covered ground, or a tract of rank grass.

"The main reason for the pond is obvious—to keep the birds clean and in good health. Any farm that is traversed by a running brook is eligible for duck-farming operations. In case a pond does not exist, one can easily be made. A large pond will last a long time without being emptied and cleaned, but, if the pond must be

a small one, then the owner should establish it on such a basis that it can easily be emptied and thoroughly cleaned. For a small pond, the ideal bottom is one covered with concrete, so that the work of cleaning is rendered both easy and effective. If a pond has a gravelly bottom, it does not require concrete; but a bottom of black earth, or swamp muck, should be paved in some manner, at the earliest moment. In constructing a pond for aquatic birds or mammals, its bottom should slope toward the outlet in such a manner that when the outlet is opened, the entire area will be quickly drained.

"So long as the water in a pond can be kept reasonably clean, it will support a really large population of ducks. Although we never have tested the matter, we believe that in commercial duck-raising it will be sufficient to allow two square yards, (18 square feet) of water surface to each duck. Thus a pond 100 feet square would be sufficient for 555 ducks. It is to be carefully noted, however, that the water is to be kept reasonably clean; which means that a deep layer of excretions must not be allowed to accumulate on the bottom. It is understood that rarely, if ever, will all the ducks of a flock occupy the pond at the same time.

"After the pond has been formed, the next step is to plant a large portion of the enclosure with thick cover, the most suitable plants for the purpose being willow, privet, etc. If plenty of tangle brush is provided, Mallards will nest freely on the ground in sheltered nooks. It is always well, however, to supply a number of bottomless boxes about 15 inches square, laid on the ground, with an opening near the bottom large enough to permit the entrance of the bird.

"If a natural pond or lakelet exists, of many acres in extent, an attempt should be made to induce the growth of various aquatic plants suitable for duck food, such as wild celery (*Valisneria*), wild rice (*Zizania*), duck weed (*Lemna*), and pond-weed (*Potamogeton*). If the pond is very small, or the number of ducks large, such plants will not be able to hold their own, and their introduction will be a waste of time. Of course in ponds that are periodically emptied and cleaned, plant life is impossible. In such cases, green food in some form must be provided, such as finely chopped fresh grass, cabbage or lettuce."

BREEDING MALLARDS

For breeding stock select pure wild birds. These can be obtained from reliable dealers in ornamental water-



FIRST PRIZE COCKEREL, BOSTON JAN. 1912. FIRST PRIZE PLT. MADISON SQUARE GARDEN, DEC. 1911.
SPECIAL BEST FEMALE, SPECIAL BEST COLORED FEMALE, MADISON SQUARE GARDEN, DEC. 1911.
M. R. JACOBUS, RIDGEFIELD, N. J.

Silver Campines are rapidly forging to the front in the United States and are destined to share the popularity of the Leghorn, Minorca and Ancona as layers of white shelled eggs, as their great laying qualities become better known to American poultry raisers. In their native land, Belgium, Campines are referred to as "Everyday Layers", and to judge by the published records made by individual specimens, the Campine hen will take considerable beating by hens of other breeding when it comes to shelling out large numbers of eggs. Furthermore the eggs are of good size and most attractive in appearance. To M. R. Jacobus, Ridgefield, New Jersey, great credit is due for promoting the interests of this famous Belgian fowl in the United States. The fine exhibits made by Mr. Jacobus at the New York and Boston shows, attracted the attention of many shrewd breeders of poultry, who were quick to realize that there was bright future in store for Campines, so that many new poultry fanciers have become interested in the breeding of Campines. The above illustration represents two of Mr. Jacobus' noted winners at the Madison Square Garden and the Boston shows. The type and color markings are excellently portrayed by the artist.—J. H. Drevenstedt.

fowl and usually at three to five dollars per pair. Where the pond is small one drake to two ducks is sufficient, although on a large range three or four ducks can be allotted to the drake.

Before placing the Mallards in the enclosure, they should be pinioned, unless they are beginning to lay, when clipping the wings will be found more beneficial, as pinioning birds in the nesting season will affect their laying.

PINIONING

To keep Mallards from flying away pinioning is necessary. The ninth and tenth primary wing feathers are removed, also the coverts and small feathers on the wing at the point of insertion of the primaries. Strong twine should be used to make a tight ligature about the wing, as close as possible to the juncture with the thumb, on the side toward the tip. The skin over the bone is severed and the bone is cut through at a point about a quarter of an inch beyond the ligature. Pruning shears make the best instrument for this purpose.

FOOD AND SHELTER

A mixture consisting of wheat, buckwheat and barley, with a little cracked corn added during cold weather, is recommended as suitable grain food. Green foods should also be fed, but while soft food is eaten greedily, there is no advantage to be gained by feeding it to healthy birds.

No shelter is required during the winter months, unless the weather is exceptionally cold. Where the number of ducks kept is large they will keep a place open in the ice by their swimming, but if the pond should freeze over, the ice must be cut for the ducks so that they can have open water, as it enables them to keep their feet from freezing. Shelter can be made of brush or straw to break the wind, but no houses of any kind are necessary.

HATCHING AND REARING DUCKLINGS

Although ducklings can be hatched and reared by the duck, the losses from exposure and lack of proper food make this method uncertain. A better way is to collect the eggs daily, being careful not to disturb the ducks when they begin laying, and set under small hens, or place them in incubators. During the process of incubation, the eggs must be sprinkled with warm water, to keep them moist.

Mallard ducklings can be fed and cared for the same as all other ducklings, but a yard covered with short grass will be found a great help to the young birds, as they are great consumers of grass.

The first food of ducklings should consist of a soft mixture of meals, such as is supplied by dealers in commercial poultry foods, or a home made mixture—consisting of equal parts of barley meal, middlings and beef scrap may be fed.

The food should be moistened with hot water and thoroughly mixed forming a crumbly but not sloppy mass. It should be fed in small rations at frequent intervals. Clean sand furnishes the necessary grit for the ducklings. The latter should have plenty of water

to drink as the youngsters are raised away from the pond, but the water dishes should be very shallow to prevent the web-footed tribe from following their instinct by trying to swim wherever or whenever the opportunity presents itself. When about one week old all young birds should be pinioned by removing the tip of wing, the incision being made at a point about one-eighth of an inch beyond the thumb, as described for adults. No ligature is necessary for ducklings, as there is no bleeding, but the wound should be dusted with some antiseptic powder.

At about six or eight weeks the ducklings can be allowed to take the water of the pond, and their food can be changed to small grain.

MALLARDS FOR MARKET

Mallard Ducks are always desired in the markets of New York and other large cities, where they can be legally sold. The high prices charged for Mallards on the bill of fares of the hotels and restaurants should make the raising of Mallards a much more

profitable business than the rearing of the common domestic ducks.

In regard to the sale of Mallard Ducks, Director Hornaday is authority for the following rules that govern the trade:

"All preserve-bred Mallard and Black Ducks must be killed and officially tagged in accordance with the regulations of the State Conservation Commission. Breeders can depend

Champion Black Orpingtons EGGS AND STOCK.

JAMES H. STAIR,

AKRON, OHIO

JUDGE! SEE WHAT I SAY

Breeder of Orpingtons,
Columbian Rocks
and Anconas.

Eggs for hatching and stock constantly
on hand.

R. J. Hoagland, Stamford, N. Y.
Expert Poultry Judge



WHITE ORPINGTONS

Don't fail to get my mating list before ordering your June eggs. It requires but a postal card and I have two Pens that you simply can't pass by. Half Price on all eggs.

Some fine breeders for sale after June 10th at unheard of prices. Quality considered.

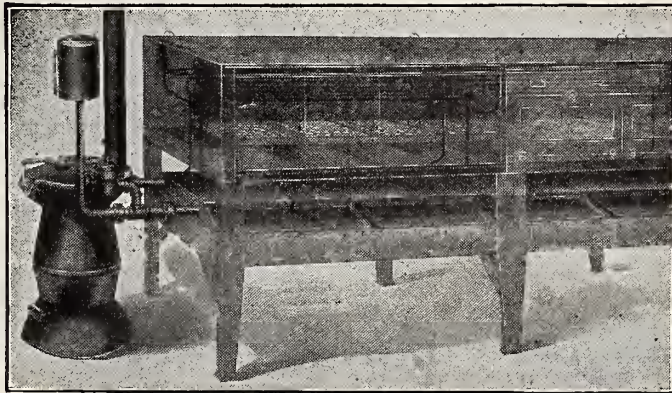
Remember there has been but two consistent winners in White Orpingtons at the last three Chicago Shows. We are one of the two.

DR. GUY BLENCOE,

ALMA CENTER, WIS.

CANDEE

Operated in Units of 300 Eggs
Each Section Divided in Two Compartments
in the 1913 Candee Machines.



A "Phantom" View of the Construction of the Candee

Each Compartment Has Its Own Regulator

Machines made up of any even number of 300-egg compartments, the same as though one were getting the same number of separate small incubators. One hot water heater takes the place of dangerous oil lamps, insuring safety and saving time and labor.

More compartments can be added at any time. Each compartment is operated independently and its regulator only admits heat when needed. This permits June and July hatching without worry or risk of overheating.

Catalogue Free—Contains large cut showing internal view of the Candee, full information on Incubators and Brooding Systems.
CANDEE INCUBATOR AND BROODER CO., Dept. 3 Eastwood, N. Y.



One of the best Single Comb White Leghorn males in the country is the cock illustrated above. He has the comb, head points, shape and style of the down-to-date Leghorn, and carries his tail, which is full furnished at an angle that conforms closely to the standard requirement. Like all the crack Skylands Farm White Leghorns, this old cock bird is absolutely white in plumage.

upon it that a very little trouble on their part will suffice to place all these operations on a thoroughly practical and sensible working basis. It is not possible for preserve-bred ducks to be killed by shooting when they are to be sold as food, because every large duck-pond, well populated with Mallard Ducks, attracts annually a certain number of wild ducks which under no circumstances can be shot according to the law, and marketed. Preserve-bred ducks must be caught and killed by hand; and pinioning renders this easily possible.

"There are a few persons who claim that it is unsportsmanlike to kill a Mallard Duck 'by hand'; but to this we reply that it is ten times more unsportsmanlike to shoot tame, preserve-bred Mallards as they fly from their coops to their pond"

AYLESBURY DUCKS

Rev. T. W. Sturges in his new and excellent book "The Poultry Manual", (London, England, 1911), briefly but comprehensively describes the Aylesbury Duck as follows:

"The Aylesbury is the famous table bird of the family, and is world-renowned. Its color should be pure white and free from other colored feathers. It is large and should weigh nine or ten pounds at six months old for exhibition, though thousands sent yearly to market are much smaller and it is said that the poulterers object strongly to the immense keels of show specimens. It is a finer headed bird than the Rouen, with very long, broad and strong bill of a pinky-white color, difficult to preserve in its pure color when the birds are at liberty. The shanks and feet are of a bright orange, paler in shade than in the Rouen or the Pekin.

"In shape the sexes are similar, the

chief features being the long straight head and beak, very massive body with good girth, and with a deep and straight keel extending from just behind the legs to the breast, giving a horizontal carriage.

"Their chief merit is the rapidity with which they put on flesh. Many are sold eight weeks old weighing four or more pounds in weight. They are not good layers, and are improved in this respect by a cross with the Pekin, which also spells ruin for exhibition. Many birds sold as pure Aylesburys are cross-bred, and many of them find their way into agricultural shows with a loss of both size, color and carriage."

In this country Aylesbury Ducks have never caught the popular fancy either as an exhibition or market breed. Very few have been exhibited in recent years, and most of the alleged Aylesburys seen at the fall fairs are cross-breds or Pekins that have pale colored bills, although several years ago some fine Aylesburys were

exhibited by Canadian breeders at our fall shows. At the Madison Square Garden Show, 1911, no Aylesbury Ducks were entered, but at the preceding exhibition held in 1910 down to 1906, small exhibits of imported specimens were entered, the largest being in 1909, when five Aylesburys made up the total number on exhibition. Whether any genuine Aylesbury Ducks are now bred in the United States we do not know, but we do know, that from a fancier's point of view, as well as from the commercial standpoint, the Aylesbury is a "dead duck" in this country. It has been crowded out by the Pekin, which completely "fills the bill" as a profitable market duck.

THREE OAKS COLUMBIAN WYANDOTTES

Breeding and Exhibition Stock RALPH WOODWARD
Box G GRAFTON, MASS.

BURGER'S WHITE ORPINGTONS Won Silver cup and specials at the big Mansfield, Ohio show. After June 1st, eggs at half price. Special price on breeders from pens mated past season to make room for our 900 youngsters, which are growing like weeds. BURGER & BURGER, Box W. ORRVILLE, O. Mbr. S. C. White Orp. Club. Mbr. A. P. A.

HATTON'S S. C. BUFF LEGHORNS
Great Bargain—Eggs from Chicago, Boston and Cleveland winners at \$2.00 and \$3.00 per 15, balance of season.

R. K. HATTON, R. No. 4 ATTICA, OHIO

Fairview White Rocks Eggs from my Chicago, Indiana, Memphis winners at half price. 100 choice breeders for sale at reduced prices. Must have the room for chicks.
GUY DAILY, Box G. JEFFERSONVILLE, IND.



1912 Catalogue Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL

Box 80, FREEPORT, ILL.

S. C. BUFF LEGHORNS

Winners in five states this year. Stock and eggs in season. Satisfaction guaranteed.
HILL CREST FARM, Box 86 NORTH GORHAM, ME.

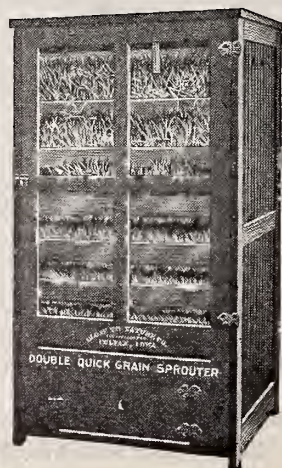
LISK'S WHITE WYANDOTTES

Eggs from both exhibition and utility matings at reduced prices after May 15th. Lisk's White Wyandottes are great layers as well as winners. They win for myself and customers at some of the best shows in America. They also mature early, they often start laying at 5½ months old. One customer reports 64 eggs in 43 days from 2 pullets in January and February. Buy eggs that will hatch and produce winners as well as layers.

FRED C. LISK,

Box L,

ROMULUS, N. Y.



A PERPETUAL POULTRY SILO THE DOUBLE QUICK GRAIN SPROUTER

Pays a Profit Twelve Months in the Year

Makes two to four bushels of feed from one of grain—Sprouted Oats fill the Egg Basket in July and August when the grass is tough and dry.

Germinated Wheat and Rye are as good as grasshoppers for growing chicks.

The Double Quick is double walled with insulated wooden walls outside and a moisture-tight metal chamber inside. Automatic moisture-producing, heat-retaining, and scientifically constructed to sprout and grow clean grains into sweet crisp sprouts with nothing but clean water and the lamp's heat.

Made in six sizes from a few hens to 1000. Full information free.

CLOSE-TO-NATURE CO.

48 Front Street,

COLFAX, IOWA

MUSCOVY OR MUSK DUCKS

The Muscovy is another one of the numerous breeds in the feathered kingdom that has been erroneously named. In this instance, the name is Russian, while the breed is South American. The proper name is "Musk Duck," having obtained the latter from the strong odor of musk exhaled from its body. It originated in tropical America, but Musk Ducks are bred in large numbers in the West Indies and are also found wild in Guinea, where they nestle on the trunks of trees, close upon the water's edge. In their native haunts, they live in swamps during the daytime, and toward night will be found sitting on lower branches of large trees, descending these to make a raid on the cornfields and plantations where they do considerable damage. They also seem partial to the mandioca or tapioca plants.

Muscovy Ducks, also known as "Barbary Geese" and "Brazilian Ducks," have been domesticated a long time, some authors dating their introduction as far back as the Spanish Conquest. In this country the Colored and White Muscovys are the only two varieties bred, the former being by far the most fancied on account of its lustrous greenish black and blue-black plumage, the latter being broken with white feathers. Magnificent specimens of the colored variety have been exhibited from time to time at the Madison Square Garden and at the Boston Shows, some of the winning drakes, exceeding the Standard weight by several pounds. We believe ten pounds for an adult drake, required by the Standard, is too low, as we have seen and handled adult specimens that ranged in weight from 12 to 15 pounds, but adult females will seldom be found to weigh over seven pounds.

Muscovy Ducks do not mix well with other poultry, the drake being pugnacious and tyrannical, but they are easily bred and managed by those who feed them, becoming very tame. Notwithstanding their great weight, they can fly with ease, and sit on the top of barns, or in the trees. They are easily raised after they are hatched, but the eggs, which are very large, are rather difficult to hatch. The time of incubation is given as 28 to 30 days, but in our experience five weeks comes closer to actual time of incu-

bation. Muscovy Ducks are only fair layers, but where they have a large farm range and pick their living, the comparatively small number of eggs laid by them, will hatch out enough youngsters to pay for their keep and also leave a balance on the right side of the ledger. As a duck for the table, we do not think a young Muscovy can be equalled, the dark and fine flavored meat being well distributed over the carcass.

HENRY R. JONES, DERBY, N. Y.

Attention is directed to the advertising of H. R. Jones, Derby, N. Y., on another page of this issue. Mr. Jones is breeding the "Regal" Strain of White Wyandottes and strongly believes in producing a few exceptionally good birds rather than a large number of questionable quality. As an illustration of the quality of Mr. Jones' stock we might state, that at the Great Buffalo International he won five ribbons and best display. He has been a breeder of fancy poultry for twenty-seven years and won prizes at the Crystal Palace Show while living in England. He has four pens of nine birds each mated for the egg trade and feels sure that he can satisfy the most exacting,

and states that he would rather give a customer a setting of eggs than to disappoint him. Look up his announcement which may be found by referring to the index and write for further particulars.

S. C. BUFF LEGHORNS Eggs at Half Price after June 1st, \$2.50, \$1.50, \$1.00 per setting of 15. Send for our circular.

SPRINGSIDE POULTRY FARM
J. W. & J. Edw. McNeil, Box B, CANAAN, N. Y.

Wanted

A man like you, who has some knowledge of poultry, to act as agent in your county, for the sale of an article which no chicken raiser can afford to be without. An article highly endorsed by the biggest poultry men in the country. An article which should be in every home, town or country. Invaluable on every farm. Liberal terms, liberal profits and no risk. Address: W. H. Constantine, Mgr. Dept. E 501 W. Madison St., Chicago

S. C. W. Leghorns

per hundred. Order direct from this ad.

OAK POULTRY YARDS, Paul C. Bork, Prop.,

Eggs for hatching that will prove good for new blood and also produce prize winners. Eggs from best pens \$3.00 per setting. utility eggs \$2.00 per setting, \$6.00

AKRON, OHIO

MARTIN'S REGALS

HALF PRICE EGG SALE

After June 1st the price of eggs from my prize matings (as they run) will be \$2.50 per 15, \$4.50 per 30, \$6.00 per 45, \$12.00 per 100. Special matings \$5.00 per 15, \$9.00 per 30, \$12.00 per 45, \$24.00 per 100.

This is an excellent chance to become acquainted with America's finest White Wyandottes at small cost. This year June chicks will be equal to May chicks of any other year as the season has been so late.

Free—Send for catalogue and summer sale list giving description of several hundred breeders I am offering for sale.

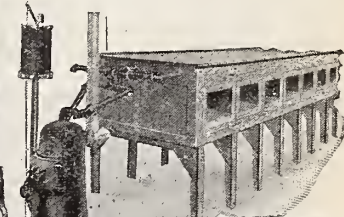
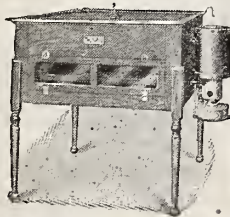
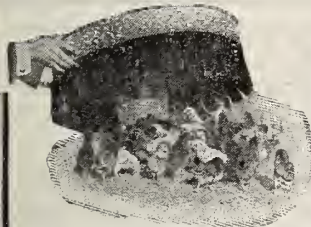
Send 10 cents in stamps or coin for the Regal White Wyandotte Book.

JOHN S. MARTIN,

Box W, Port Dover, Canada



CRUSADER III. A Boston Winner.



America's Largest Line of Incubators and Brooders

Your Choice of 10 Incubators, \$7.50 to \$48; and 7 Brooders, \$2.25 to \$17

WE MANUFACTURE EVERYTHING FOR POULTRY-KEEPERS

Incubators	Nutrine Chick Salts	Chick Markers	Head-Lice Ointment	Chick Shelters	Grit Boxes	Scaly Leg Ointment	Thermometers
Brooders	Gaps Cure	Egg Maker	Lice Dust	Drinking Fountains	Food Troughs	Quick-Molt	Hygrometers
Hovers	Roup Cure	Fly Driver	Lice Spray	Wall Fountains	Spray Pumps	Lamps	Thermostats
Colony Houses	Chicken Poz Cures	Disinfectants	Nest Eggs	Water Cups	Perch Supports	Burners	Egg Testers
Brood Coops	Cholera Cure	Charcoal	Sulphur Candles	Food Hoppers	Leg Bands	Health Regulators	Sundries

Write for Special Summer Prices on Our Famous Mammoth Sectional Incubators

We Have Agents Throughout the Country who have our Incubators, Brooders and Supplies in their stores. Ask for "Essex-Model" goods. They are SUPERIOR and cost no more. If your storekeeper does not keep them, write direct to our factory. We want poultry-keeper agents. You can sell our Supplies in your spare time and make money. Address nearest office.

ROBERT ESSEX INCUBATOR COMPANY, 13 Henry St., Buffalo, N.Y. or 67 Barclay St., New York City

PRACTICAL SUGGESTIONS

BY JOE COLEMAN

If chicks peck at each others' toes, and this is often done until they bleed, it means one of two things, either want of anything more to do or a lack of animal food. Induce exercise by feeding the chick grain in clean litter and feed a little raw fresh meat three times a week.

—0—

The writer experimented on some turkeys last summer that had so-called blackhead and brought them out nicely. Perhaps it was only serious liver trouble, but their heads had turned black. Calomel and soda tablets of one-tenth calomel strength were given the affected turkeys twice a day for several days.

—0—

It will soon be time to cull out the two-year old hens and keep only those that are desired for breeders. It would be a loss to keep them over, and by feeding liberally a mash feed moistened, quite an attractive price may be obtained. Don't take them to market in a scrawny condition because to put on a pound of flesh on a chicken costs no more than to put the same amount of flesh on a beef, but brings more in the market. Thus it pays to fatten hens before selling.

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That patch of mangolds or cow beets will furnish the finest green food for your flock next winter. If not already planted better get a move on.

—0—

If it so happens that you failed to plant sunflower or other seed to furnish plenty of shade, make some artificial shade by building frame work the top of which is about three feet from the ground. Cover with burlap, old carpet, sod or grass. This may not be the most slightly affair, but answers the purpose quite well and adds to the fowls' comfort. Shade is of vital importance and is as much so as pure water and good food.

—0—

Go slow on the corn diet, especially through the hot weather. The writer may be a little cranky, but he never has had much use for corn as a poultry food only in small quantities. Bone and muscle feed are essential and wheat and oats should make up a large portion of the bill of fare. Milk, if at all possible to secure, should be fed in liberal quantities, either sweet or sour, but endeavor to feed it one way or the other and not alternate it. The English do not feed corn, and within a couple of years after taking our varieties over yonder the average weight of the offspring run one to two pounds heavier. Oats over there is the leading feed and this furnishes good argument in favor of its liberal use here.

—0—

The main wing feathers of Leghorn chicks usually grow too fast and many times almost touch the ground, and to

overcome this we pull out the feathers quickly just as they are starting, when the chicks are two to three days old. This apparently does not hurt the chicks in the least and by so doing they feather uniformly.

—0—

One objection to an incubator has been the difficulty of keeping tab on the chicks from the eggs of different yards at the time of hatching, and while the pedigree tray is satisfactory we prefer sewing the eggs, a few days prior to hatching, in loose mosquito netting sacks. By having the eggs marked you know exactly the pen the chicks came from. This is very important in selecting and building up a strain.

—0—

'Tis the old story. Look out for lice this month. With the now hot weather lice multiply a thousand fold within a short time. Several cities over the country are offering a bounty for a certain number of weeks of ten cents per hundred for "swatting" flies, authorities claiming that each adult fly and its progeny will produce 4,000,000 flies per year. The city of Cleveland is one that has done this and expects to be fly-proof this sum-

mer. It stands to reason that lice will multiply equally as rapid, so the right and sensible thing is to thoroughly rid the premises and fowls of lice now if not already done. Use the preparations advertised, as well as apply liberally to the walls whitewash to which has been added carbolic acid. Don't put it off another day.

—0—

If a certain mating this season has produced some extra choice chicks be sure to keep that mating intact another season. This will give you an absolute certainty of producing good birds and means a long step toward a big success in the business. We have known of a breeder's success



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; ask for it today
Chas. L. Stiles, Columbus, Ohio

FREE

\$25 CORRESPONDENCE COURSE in poultry raising absolutely free. Write today for all facts about NEW JEWEL INCUBATOR. Sells for only \$6. Address personally, M. W. SAVAGE, Dept. 121, MINNEAPOLIS, MINN.

FARM JOURNAL

Unlike any other paper—all cream, no skim-milk. Made to help farmers and their wives. Five years, \$1.00—money back if you don't like the paper.
167 North Clifton St. Philadelphia

WRITE FOR MY FREE BOOK "The Golden Egg"—tells how to get eggs now and all the year—gives facts about my Bone Cutter—unlike others, it makes play of cutting fresh bone, gives you eggs and a paying poultry yard. HUMPHREY, Buff St. Factory, JOLIET, ILL.

EGGS

SINGLE COMB REDS

J. H. CROSSLEY,

Box 177,

MAGNOLIA, N. J.

CHAS. F. HOMPSON & Co.
BOX 8 LYNNFIELD CENTER, MASS.

R.I. Reds, Barred Rocks, White Wyandottes

Birds raised on free range, large, vigorous, prolific layers. If you want show birds. Order Eggs or Chicks now.

Utility Eggs, \$3.00 per 50; \$6.00 per 100. Chicks 20 cents each. Exhibition Strain \$2.00 per setting; \$10.00 per 100; Chicks 25 cents each. Special Matings \$10.00 one setting; \$18.00 for two; \$25.00 for three; \$40.00 per 100; Chicks 75 cents each.

90 per cent. fertility guaranteed. Something new to offer those breeding Exhibition Reds. Catalogue Free. Send Stamp for Red Standard.

S. C. WHITE LEGHORNS

INDIAN RUNNER DUCKS (Fawn and White)

Ducklings 20 cents each—Eggs \$1.00 per 15; \$5.00 per 100
Chicks 10 cents each—Eggs \$1.00 per 12; \$6.00 per 100

Leghorn Pullets, six weeks old, 50 cents each, April, May and June hatch. Order now, the supply will be limited, you can raise every one of them. Safe arrival guaranteed on all shipments. Write today.

ROGERS POULTRY FARM, Niagara Co., RANSOMVILLE, N. Y.

hinging on one bird. One specific instance is of a single hen that made a man reasonably well off. This hen produced chicks nearly all prize winners for seven years. Was she not worth her weight in gold? A good producing male has oftentimes been equally valuable and brought success to the owner. It surely is poor business to sell such birds at any price.

—o—

If necessary to confine the chicks don't throw away any vegetable waste if clean and wholesome. Green onion tops are relished by the little fellows and are said to be a preventive of gapes if fed regularly.

—o—

The presidential year naturally has an effect on business and the poultry business has to suffer its share. There is no question but that the purse strings of the buying public have been tightened a little and by so doing lessened the sale of eggs for hatching. Consequently early chicks are not as plentiful as usual, but judging by the reports received from a number of breeders there has been unusual activity in the placing of egg orders at the usual half price which generally takes place either May 15 or June 1. All who desire to rear a few or many chicks should not hesitate to order from the advertisers in these columns. The hatching season may be carried on even through the month of September. We know of a lady who waits until September to hatch chicks and her pullets are always the first to lay the following spring.

—o—

There may be exceptions to the rule of opportunity gently tapping at a door but once in a lifetime. Bacon says that a man should make more opportunities than he finds. We all have in mind men, who through reverses have lost their all, but, smiling at misfortune, have come back with grim determination and not only retrieved their losses, but increased the amount of the world's goods over what they had before. The poultry business affords many opportunities, but before taking up any of its branches people should analyze and honestly weigh themselves—whether they are fit for the business or the business fit for them. We make no reference to the man who has taken up the breeding of fifty to a hundred fowls merely as a side issue and to divert his mind from other business cares, but to those who aspire to take up the poultry business as a life's work and to depend on it entirely for bread and butter and possibly to make a fortune out of it. Those who make fortunes out of the business are the up and doing kind. We are safe in saying that there is not a line of work before the American people today that is receiving the longing glances from rich and poor alike that the poultry business commands. There is just as large a per cent. of failures in the poultry business as any other line. No other business furnishes a better opportunity for making money. Success lies entirely with the individual. Don't be like the lazy fellow who saw the letter "P" in the sky and imagined immediately

that it meant for him to preach, but his neighbors, judging from the tall weeds in his corn, thought it meant to plow. If you have been a failure at everything else don't take up the poultry business, for the chances are that you will fail in that to. Then you will become a knocker and say the poultry business doesn't pay. Every man has a certain amount of influence and you might keep some one out of the business that would make a grand success. In this way you would be doing a lot of harm. There are times, if engaged in the poultry business, that duty calls for about seventeen hours a day. The poultry or no other business has any time for a lazy man.

—o—

Keep the ducklings out of the water and the wet grass until feathered out. If this is done there can hardly be any trouble raising them for young ducklings are only subject to rheumatism and this disease will not likely occur.

—o—

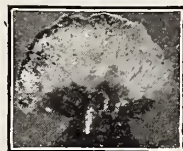
Throughout the rural communities market eggs have seldom remained so high in price this late in the season. Here in Ohio where in May and June eggs usually retail at 16 to 18 cents per dozen now are bringing about twenty-five cents per dozen. There is unusual activity among dealers and all the eggs that can be picked up are

now being put into cold storage to await the high winter prices. Mark you, the prices will be sky high the coming winter—some are talking sixty cent storage eggs. A storage egg at its best is none too palatable and we have had them served at our morning meal in a hotel with an ancient taste, so ancient that one can close his eyes and imagine as living in the long forgotten past among the crypts of the Egyptians.

Not enough care is taken by all concerned in the handling of eggs during the summer and quite a little time elapses from the hen to the storage room. The farmer oftentimes is in

Light Brahmas of Quality

Return at our expense if not as represented.
CLAUDE E. COE, LEXINGTON, OHIO



BALDWIN'S
White Crested
Black Polish
Prize winners Madison Square Garden, Philadelphia and Boston. Circular free.
WESLEY BALDWIN,
Walton, N. Y.

Book on Dog Diseases

AND HOW TO FEED.



Mailed FREE to any address by the author.

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118 W. 31st Street, NEW YORK

COLUMBIAN PLYMOUTH ROCKS

Eggs at reduced prices after June 1st. C. P. Rock eggs from Boston Prize Winners \$3 per 15, \$5 per 30. Indian Runner eggs \$1.50 per 12. Remember birds of my "Quality Strain" have won the highest honors at many of the largest shows for years. Send for circulars.
H. M. MUNROE, Maple Grove Farm, LEXINGTON, MASS.

INDIAN RUNNER DUCKS

RILEY'S BARRED ROCKS

HENRY D. RILEY,

Box C,

JUNE is the last month in which to buy S. C. RED PYLE LEGHORNS
Eggs from Madison Square Winning at \$2.00 per 15; start now with a great winter layer. I won first on Silver Wyandotte pullet at the Garden, bred and own her, chewing the rag will not detract from her real value. Eggs during June \$2.00 per 15.

GEO. E. HOWELL,

Spruce Farm,

HOWELLS, N. Y.

FOGG'S SINGLE COMB WHITE LEGHORNS

Get our special summer prices on breeders, young birds, eggs for hatching and baby chicks. Write now about your wants.

N. V. FOGG,

Box W.

MT. STERLING, KY.



RHODE ISLAND REDS SINGLE AND ROSE COMB

Half Price Sale Now On

Eggs, Baby Chicks, Stock. Send in your order at once. Get our Special Half Price List. Have you seen the second edition "Origin and History of Rhode Island Reds," 56 pages? If not, send 20 cents in stamps or silver and one will be sent.

BUSCHMANN-PIERCE RED FARMS,

CARMEL, IND.

PRESCOTT'S ORPINGTONS

BUFF, BLACK, WHITE AND DIAMOND JUBILEE

After June 15th, we are prepared to furnish some of our choice breeders at very attractive prices. Let us hear from you as we can furnish stock that will build up your flock.

We are prepared to furnish eggs for hatching from our New York and Boston winners at 30 cents per egg, \$15.00 per 50 and \$25.00 per 100.

H. B. PRESCOTT,

Box No. 33,

DERRY VILLAGE, N. H.

none too big a hurry to market his eggs and feels that once a week is quite often enough to take his eggs to town, or, perhaps, a huckster wagon comes his way once a week and the eggs are jostled considerably before reaching the grocery store. The grocer sells the eggs to the wholesaler and the wholesaler to the storage concerns. A good ways around, but the eggs get there to await their being brought out of storage to again pass through the channels of trade.

Is it any wonder that storage eggs are oftentimes so poor in quality? Surely laws should be enacted to correct the selling of stale eggs to the consumer. It may be considered radical, but each cold storage concern, in our opinion, should be under the supervision of a government inspector and the date be stamped on each egg before placing into storage quarters, besides having the eggs stamped as storage eggs. Then the consumer would know whether he was eating an egg one or two years old. Even some farmers are packing eggs in anticipation of the high winter prices. This is all well and good, but such eggs should be sold as packed eggs. If the most approved methods of packing are used and there is an absolute certainty that none but strictly fresh eggs are used a nice business may be built up at home and a handsome profit realized. The ordinary way of packing in oats, salt or bran is not a success, and for home packing either lime water or water glass solution is the best. We prefer the water glass—a ten per cent.

solution is satisfactory. Large stone jars should be used and kept in a cool dry cellar and before making the solution the water should be sterilized by boiling. Eggs can be placed in the solution each day as gathered only being certain that none but strictly fresh eggs are used. Sterile eggs are all the better.

Why not have a packing establishment of your own? The practicability of not being dependant on the cold storage concerns is being demonstrated by hundreds of people running back lot henneries on the intensive method plan. By so doing strictly fresh eggs may be had seven months of the year and the other five months can be supplied by packing in one of the solutions mentioned above. No matter how it is brought about, some way should be devised to correct the evil of the consumer being compelled to pay the top price for something that he in turn does not get value received.

INDIAN RUNNER DUCK BOOK

The new edition of "The Indian Runner Duck Book" by F. H. Valentine is off the press and all orders can be promptly filled in the future.

The great popularity of the Indian Runner Duck is due to its wonderful laying capacity. The sensational Agricultural College record of 200 to 217 eggs a year for three successive years, convincing practical poultry raisers that Indian Runner Ducks are a big proposition, that mean market eggs by the million. But to know all about

these remarkable ducks and the methods of expert growers it will be necessary to read this new book by Mr. Valentine. It contains 150 pages and is illustrated with 20 photographs from life. Price 75c. prepaid.

AMERICA'S ONLY GERMAN POULTRY MAGAZINE

The only poultry paper printed in the German language in America is "Der Geflügel-Zuechter" (The Poultry Keeper) published at Hamburg, Wisconsin. The May number is the twenty-fourth anniversary of its existence, and to judge by the numerous articles and its typographical excellence, this sterling publication deserves the success it has attained. We congratulate Editor Henry F. Voigt, on his merited success in giving to German poultry raisers a monthly magazine of such practical and artistic value. Mr. Voigt will be pleased to send a sample copy of the "Geflügel-Zuechter" to all German speaking fanciers who will send their name and address on a postal card to Der Geflügel-Zuechter Publishing Co., Hamburg, Wis.

OVER FIVE THOUSAND EGGS A DAY

In Two Rock Valley near Petaluma, California, Rowman Blanchard keeps over 10,000 laying hens. The latter in the spring months have been shelling out over 5000 eggs daily.



FIRST-PEN-WHITE PLYMOUTH ROCK-BOSTON-1912. Owned by A.C.Hawkins, Lancaster, Mass.

The pen of White Plymouth Rocks illustrated above was exhibited by Arthur C. Hawkins at the Boston Show, where it was awarded the blue ribbon in a strong class, the uniform type and size and fine color of the male and females being a most striking feature. Mr. Hawkins, who has won many prizes at America's leading shows with his Barred Plymouth Rocks, a variety he has bred ever since it became popular, is meeting with equally great success in breeding and exhibiting White Plymouth Rocks.—J. H. Drevenstedt.



EDITORIAL NOTE—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge and will be made by Professor Stoneburn or Professor Atwood, depending upon the nature of the question. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

SWEET MILK FOR CHICKS

Q. Do you consider sweet milk a good food for baby chicks, and if so, how soon may it be given to them, and should they be given all they will drink as many as three times daily? L. G. L., Roanoke, Va.

A. Sweet milk either whole or skimmed is considered of exceptional value for young chicks. There are several ways in which it may be fed, but the more convenient method is to use it as a substitute for drinking water, keeping it before them at all times. A closed fountain of some description should be used as it is desirable that the chicks are not allowed to get into it, or you will have a messy looking lot of chicks. The fountain should be scalded daily and kept scrupulously clean.

BOWEL TROUBLE IN BABY CHICKS

Q. I have some White Leghorn chicks, about 230 out of 300, seem to have the White Diarrhoea, their droppings stick to the feathers, is soft and kind of white. We take them away just as quick as we notice anything sticking to them. Is there any thing that will cure them and will they make as good breeders and layers as the others? H. K., N. Y.

A. Your question is too lacking in detail for me to decide if your chicks are suffering from White Diarrhoea. But I am inclined to think that it is one of the commoner forms of bowel trouble that may be traced to one or more of several different causes, among which are improper care and feeding, over-heating, chilling, faulty incubation, etc. Bowel trouble in baby chicks is often an indication of inferior breeding stock. Stock that have been inbred or their vitality lowered by poor care and housing in unsanitary and improperly ventilated quarters.

White Diarrhoea is a germ disease and where a flock of baby chicks is affected they usually die before any beneficial treatment can be prescribed. Where this malady is thought to

be present, precautionary measures to prevent it should be taken. This is an instance where "an ounce of prevention is worth a pound of cure." The hatching chambers of the incubators should be thoroughly disinfected before putting in any eggs and the eggs should also be dipped in a solution of Creolin or "Zenoleum" of the strength of one gill of the preparation to eight quarts of water.

Cleanse all brooders with the same, only stronger solution, before entrusting any chicks to them. I have heard "Oculum" recommended very highly as a specific for White Diarrhoea, and if I had a flock of chicks that I suspected were affected with this malady I would not hesitate to inoculate them with the remedy.

INFLAMMATION OF THE CROP

Q. For the last few weeks I have discovered one after another of my flock of White Plymouth Rocks, of which I have about twenty, with a peculiar disease, first they keep twisting their necks about and sit and mope and refuse to eat. On examination I find their crop filled with a

slimy water and by holding them by the legs, head down, this slime runs out. Usually find food in crop which seems to refuse to digest. I feed them the same as I have always fed so to speak, this being a good scratch food, a dry mash the regular formula, oyster shells, grit, sprouted oats for green stuff, table scraps and clean water every morning, a fair sized run that I have kept my chickens in for years. Can you suggest the cause and remedy? C. D. H., N. Y.

A. Your birds are probably suffering from a form of indigestion commonly called sour crop. This condition is often induced by the fowls partaking of decomposed animal matter or putrid or moldy food of any kind, poisons, etc. Or it may be caused by a mash composed of low grade mill stuffs, that is, by products that

Single Comb Brown Leghorns—They Win Again

A few choice birds left. Cockerels \$2 to \$5. Pullets \$2 to \$5. Pens \$8. Trios \$5. Eggs \$3 for 15. Write for catalogue. LAUREL LEGHORN YARDS, F. J. STUCKMEYER, 1401 Prospect Street. INDIANAPOLIS, IND.

Vermont's Famous White Wyandottes

Be sure and get my list before placing your orders. It is Free.

George M. Beecher, Box 125, West Pawlet, Vt.

English Penciled Indian Runners

Booking orders from my own and Walton strains. Bred-to-lay Barred Rocks. Eggs from stock bred for prolificacy and all practical purposes.

Mrs. Andrew Brooks, Brookhaven Farm, Auburn, N. Y.

Piper's Single Comb White Leghorns

Large in size, immense in station, fine head points and strictly white. Fully furnished young stock, for any competition.

JOHN PIPER, Daisy Street, MANSFIELD, OHIO

WILLET'S QUALITY S. C. REDS

Send Stamps for Catalog.

QUALITY YARDS, W. M. Willets, Prop., Sherburne, N. Y.

Richland Farms S. C. White Leghorns

S. C. Black Orpingtons, White Plymouth Rocks. Profit Payer kind of Baby Chicks and Eggs for Hatching. Satisfaction guaranteed. Send for catalogue. Richland Farms, Box 22, Frederick, Md.

ORPINGTONS

We would advise booking your orders for eggs for hatching early. We believe at the rate order for eggs are coming to us, that April will be the record breaker of any previous year. Write us for mating list, from prize winners. S. C. WHITE ORPINGTONS—S. C. BLACK ORPINGTONS—R. C. BLACK ORPINGTONS—COLUMBIAN ORPINGTONS.

The Cedar Crest and Crystal Spring Poultry Yards,

H. N. Wheeler,

Mystic, Conn.

Geo. M. Riggs, 25 Pearl St., Mystic, Conn.

BUFF WYANDOTTES

Prize-Winning, Record-Laying and High-Class breeding stock.

Fine cockerels at bargain prices. Eggs for hatching

We Guarantee to Please You.

MAPLE VALLEY POULTRY FARM,

WEST CHESTER, OHIO

Palen's Black Beauty Strain

ROSE COMB BLACK MINORCAS

again win Best display at the last and greatest Madison Square Garden Show. We won New York State Cup again and all specials. Prize winning birds in all classes for sale. Send for 1912 catalogue and prices for hatching eggs. Address

H. O. PALEN,

Woodside Farm,

HIGHLAND, N. Y.

**ONE GALLON
ZENOLEUM
\$1.50 Ex. Paid**

We will send ONE gallon of Famous Zenoleum Disinfectant and Lice Killer, enough to make 2 whole barrels, one hundred gallons in solution, for \$1.50 Prepaid. This is the poultry remedy you see recommended so often in the writings of great authorities. It is used by 46 Agricultural Colleges and the leading fanciers of the world. Book "Chicken Chat" sent free. THE ZENNER DISINFECTANT CO., 270 Lafayette Ave., Detroit, Mich.

contain to great a proportion of hulls or other indigestible ingredients. By long use your yards may have become foul and this may be the main cause of the trouble. Cover them liberally with quick lime and thoroughly spade in.

In administering treatment the first thing to be accomplished is to remove the contents of the crop as completely

of an asparagus bed in July, if the bed had been liberally salted in May? C. B. S., New Hampshire.

A. Do not think there would be one iota of danger of salt poisoning, as the elements will have dissipated the strength of the salt to such an extent that its presence should be hard to detect unless an unusually heavy coat was applied.



In the above illustration the characteristic type of the Rhode Island Red female is well portrayed, the ten pullets being remarkably uniform in shape, a feature that is prominently noticeable in Messrs. Sibley's fine strain of Reds,

as possible. This may be done by grasping the affected bird by the legs, holding the head downward, use gentle pressure on the crop and gradually force out the contents. Care should be exercised not to hold the fowl in this position too long, as it is liable to die of suffocation. After contents have been removed as completely as possible, introduce a small quantity of warm water into the crop by means of a small funnel or in teaspoonful doses, and then repeat the operation of removing contents. After this give one teaspoonful castor oil, and withhold all food for ten or twelve hours, then give one grain of carbonate of soda (baking soda) in a little water to remove acidity, after which the fowl may be allowed to partake of soft food. Stale breed moistened with water or milk is preferred.

CROSSING BARRED ROCKS

Q. I have a Rose Comb Barred Rock hen. If I mated her with a Single Comb male would I get any Rose Comb chicks?

A. A small percentage of the chicks should show rose combs.

Q. Are there any true Plymouth Rocks with Rose Combs?

A. Occasionally one sees Barred Rocks with Rose Combs, these of course are the results of a cross with some Rose Comb varieties, and whether they have been bred in line a sufficient length of time to eliminate the foreign blood and entitle them to be called true Rocks, I am unable to say.

Q. How much should it cost to grow a Plymouth chick to laying maturity? G. M. H., Massachusetts.

A. This will depend to a large extent upon prevailing conditions, that is, it will cost more to grow yarded birds than when they have free range. The system of feeding will also cause some variation in cost. Under varying conditions I would say from 50c to 75c per head.

SALT AND CHICKENS

Q. Would there be any danger to hens and chickens if allowed the range

CANABALISM CRIPPLES AND EYE TROUBLE

Q. My chicks eight weeks old loose from two to four toes and die, what can I do for them?

A. Your chicks have evidently acquired the habit of picking each others' toes and having once acquired the taste of blood have become regular little cannibals. If you will observe closely you will discover that the chicks themselves are the cause of the trouble. Keep them busy hustling for their food and as soon as a chick is discovered with a toe that is injured, remove it from the flock until the injury has healed.

Q. Why are chicks hatched in incubators more often crippled than those hatched under hens?

A. If the incubator is properly handled and the temperature kept at 103 degrees no more cripples will come from incubator hatched eggs than from those hatched under hens. Cheap incubators and poor thermometers usually produce the cripples. Cripples are caused by uneven temperature, too much heat rather than not enough. Be sure your thermometer

CRYSTAL WHITE ROCKS

ANNOUNCEMENT. I have purchased the entire stock of Crystal White Rock Yards, Womelsdorf, Pa. My matings contain winners at Philadelphia, Rochester, Scranton, Allentown and Hagerstown Fair. Write your wants. Stock or Eggs.

OSCAR B. WITTER,

NEWMANSTOWN, PA.

Single Comb Rhode Island Reds

The finest that years of scientific breeding can produce, my matings are composed of the grandest lot of birds I have ever put together. Send for Free Mating List describing them. Some grand stock left for sale.

GEO. L. BUELL,

LORAIN, OHIO

PURITAN STRAIN

Rose Comb Black Minorcas

Unexcelled for Utility and Beauty, Prolific Layers, Non-Sitters, Light Eaters. At the Big 1912 Boston Show, by far the largest ever held in this country, my birds won on five entries:—1st Cock, 1st Hen, 1st and 2nd Cockerel, 1st Pullet and all specials. Eggs from these winners and grand utility pens at reasonable prices. Eggs half price after May 15. Send for 1912 mating list.

ARTHUR M. MOODY,

NEWBURYPORT, MASS.

Jordan's Columbian Wyandottes

The fowl you have been looking for. Unapproached as all year around layers. Am now booking egg orders.

DR. H. M. JORDAN, Box W, HICKSVILLE, OHIO

Reynolds' Champion Strain White Cochins Bantams

The blue ribbon kind. Select stock for sale.

Book your egg orders now.

Edw. G. Reynolds, 1181 Grand St., Brooklyn, N. Y.

WHITE WYANDOTTES

Quality Counts. If you want the best come to me. Look up my show record.

Several Choice Cockerels for sale.

M. A. JOYCE, 63 18th Avenue, COLUMBUS, OHIO

Single Comb White Leghorns

Wyckoff Strain Eggs \$5 per 100, \$3 per 50, \$1 per setting. Baby Chicks \$10 per 100, \$6 per 50. Order from this "Ad." also Scotch Collie Puppies for sale.

J. Carson Carson, R. R. No. 4, Martinsburg, W. Va.

THE CLARK FEEDER

LITTLE IN COST IMMENSE IN VALUE

Most practical feeder ever invented for chicks and fowl. 50c, 75c, and \$1.00. Special prices to agents. GEO. L. CLARK, MT. GILEAD, OHIO



More than half your poultry troubles are caused by not properly protecting their drinking water from the contamination of the chickens themselves. You can end all your water troubles by equipping your poultry yards with

Moe's Top-Fill Drinking Fountain

It always supplies just enough pure water—won't stop over—dead air space keeps water COOL IN SUMMER, WARM IN WINTER. Simple in construction—just remove cover and fill from top—water ceases to flow when cover is removed—no valves to get out of order. One gallon capacity. If not at your dealers, sent direct on receipt of price, \$1.25. Satisfaction guaranteed.

OTIS & MOE, 524 S. Dearborn St., Chicago

is correct and your incubator reliable, then if the manufacturers' directions are followed no more cripples will be the result than where eggs are hatched in the natural way.

Q. A few of my yearling hens have sore eyes. They seem to have a gathering or collection of matter in one of them which destroys the sight and some die. A. A. H., Oregon.

A. This is a form of eye trouble and is possibly conjunctivitis, which occasionally does not yield readily to treatment. It may result from a severe cold or may be caused by some foreign substance lodging in the eye, or may come from inflammation of the nasal passage, caused by inhaling dust, etc. Unsanitary surroundings are usually the prime cause. To treat, carefully cleanse the affected portions with a solution of peroxide of hydrogen or carbolic acid, (this treatment should include the mouth and nostrils,) then apply carbolic vaseline or an ointment made by mixing a few drops of Zenoleum with a small quantity of vaseline.

AMERICAN BUFF WYANDOTTE CLUB

The American Buff Wyandotte Club has issued its Year Book of 1912, which is one of the finest publications of its kind ever put out by a specialty club. Although this book has cost the club considerable money to print, it will be sent to all poultry fanciers interested in Buff Wyandottes who will remit ten cents in silver or stamps to the secretary. This sum is about half the cost of the book. Send your name and address to Henry R. Ingalls, Secretary, Greenville, N. Y.

SILVER WYANDOTTE CLUB CATALOGUE

The Silver Wyandotte Club of America is now preparing for the press, a fine, large, interesting catalogue. It is the aim of the club to make this the best ever put out, and no Silver Wyandotte breeder can afford to miss being represented in its pages. All new members who join before June 15th, will have their names in this book. For further particulars, address, Mrs. Denton Cole, Ass't Secretary, Binghamton, N. Y.

AMERICAN WHITE MINORCA CLUB CATALOG

The American Single Comb White Minorca Club has done exceedingly good work this season in issuing an excellently printed catalog devoted to the interests of the White Minorca fowl. We urgently advise all poultry raisers interested in Single Comb White Minorcas to send at once for this valuable book. All that is necessary is to inclose a stamp in the letter giving name and address and forward same to C. Augustus Roshke, Sec'y, Kingston, New York.

*** Reds! Reds! Reds! Our new book "The Rhode Island Reds" is the most complete and authentic treatise on this breed ever published. Send seventy-five cents and secure a copy ***

CLASSIFIED ADS.

RATES:—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

TERMS:—Cash with order and copy of advertisement. Positively no exceptions to this rule. Please count the words correctly to avoid delay in publishing. Write copy of your advertisement plainly to insure its appearing correctly. Copy must reach AMERICAN POULTRY WORLD office by 18th of the month preceding date of issue.

AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 40,000 copies during the year ending with April, 1912.

"BECOME IDENTIFIED WITH A WINNER."

ANCONAS

ANCONA EGGS from Pen scoring 187 5-8. Blue Ribbon Winners. Eggs \$3.00 per 15. B. L. & A. Bellinger, Box 61, Weyauwega, Wisc. 3-6-2

EGGS HALF PRICE NOW, one fifty and two fifty per setting, prize winners wherever shown; best blood, and square dealing. Walter Bowron, care Sanford Co., Hamilton, Ont. 1-6-2

EGGS HALF PRICE NOW, from our popular Bluebell Anconas. We hatch winners up to August. They grow quickly. Also fine yearling breeders at bargain prices after June tenth. S. P. Porter, Mallett Creek, Ohio. 2-7-2

SINGLE COMB, Grand Pens of large dark birds, correctly and neatly mottled. Eggs from prize winners \$3.00 per 15, \$5.00 per 35, or \$10.00 per 100. Eggs from splendid utility pens \$1.50 per 15, or \$7.00 per 100. Stock for sale. Stamp for circular. No postals. Geo. C. Schwegman, Richmond, Ind. 3-6-2

BANTAMS

WHITE COCHIN BANTAMS—Mighty Midgets. Circular free. W. R. Hobbie, 532 Court, Kankakee, Ill. 1-6-2

LIGHT BRAHMA BANTAMS. J. Hart Welch, Box W., Douglaston, Long Island, N. Y. 6-9-2

BANTAM SPECIALIST. Buff, Black, Partridge Cochins and Light Brahmas. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

CHAMPION BANTAMS OF AMERICA—Sebrights, Rose Combs, Cochins, Brahmas, Polands. 35 firsts Madison Square Garden 1911—Eggs \$5.00 per setting. Major Hugh A. Rose, Brakendale Farms, Fronthill, Ont. F. F. Conway, Mgr. 3-8-2

MOHAWK BANTAM YARDS. High-class exhibition Black Red, and Red Pyle Games, Rose Comb Blacks, Partridge and Buff Cochins. Shipped on approval. Box H, Schenectady, N. Y. 3-6-2

RARE BARGAINS, Golden and Silver Sebright, Buff, Black, White and Partridge Cochins, Rose Comb Black and White, Light Brahma and Black Red Game Bantams. 1000 birds of the kind you want. Proper & Son, Schoharie, N. Y. 8-7-2

BLACK COCHIN & LIGHT BRAHMA BANTAMS the kind that win at the largest shows. Eggs from the finest pens mated. It will pay you to write me before buying stock or eggs. A. I. Paine, Station A-1, Whitman, Mass. 9-10-12

AMERICA'S GREATEST WINNING STRAIN OF BUFF COCHIN BANTAMS. Have some rare bargains in breeders to offer. B. O. Schilling, Brighton, N. Y. 6-8-2

BANTAMS, Eggs, 34 varieties. Send 2c stamps for circular. A. A. Fenn, Box 44, Delavan, Wisc. 5-6-2

BRAHMAS

BRAHMAS, Imported Crystal Palace London Winners, Light and Dark; none better, eggs and fowls reasonable. Catalog gratis. F. M. Prescott, Riverdale, N. J. 3-6-2

BUCKEYES

IDEAL ALL PURPOSE MAHOGANY BAY FOWL, Offers best opportunity to grow up with a faultless breed. Twenty matings, winners Boston, Chicago, St. Louis, Kansas City. Send for free illustrated catalogue. Breed Buckeyes and join The American Buckeye Club. A. H. Weisberg, Secretary, Nevada, Mo. 3-7-2

WINNERS, First & all color and shape specials Cleveland & Columbus. Stock and eggs now half price. Geo. S. Bradley, Xenia, Ohio. 3-8-2

BUCKEYES—Winners, Madison Square, Boston, Cleveland, Washington, Scranton. Stock and Eggs, also Buff Orpington Ducks. Catalog free. L. T. Place, Meshoppen, Pa. 1-6-2

BUTTERCUPS

SICILIAN BUTTERCUPS—eggs for sale. Choice eggs for hatching, 13 eggs \$2.00, 30 eggs \$4.00, from thoroughbred stock. Henry Woodworth, Jr., Box 505, Cheboygan, Mich. 3-8-2

CAMPINES

CAMPINES—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

IMPROVED SILVER CAMPINES—Prize winners wherever shown. Splendid layers of large white eggs. You will like them. Try a setting. Blue Ridge Farm, Thurmont, Md. 3-6-2

SILVER CAMPINES, are in great demand. Write for circular C. H. S. Hibbard, Hartford, Mich. 4-6-2

LARGE SILVER CAMPINES—"Champion" and imported prize birds. Eggs \$5 up. Jacob Ryder, Mont Alto, Pa. 3-8-2

SILVER CAMPINES—Exhibition stock. Eggs reasonable. W. H. Nagel, Franklinville, N. Y. 3-6-2

BELGIUMS GOLDEN CAMPINES, the best of all, try them, they will more than please you. Eggs, \$3 for 15. Rufus Smith, Afton, N. Y. 1-6-2

DORKINGS

SILVER GREY DORKINGS. To make room, I am compelled to sell all this year's breeders. Fine chance if taken at once. M. R. Jacobus, Box No. 3, W. Ridgefield, N. J. tf

NATIONAL BANTAM ASSOCIATION YEAR BOOK 1912

The National Bantam Association Year Book, 1912, is the twentieth anniversary number, and by far the best book of its kind ever sent out by a specialty club. It is a large book of 160 pages, printed on heavy calendared paper and beautifully illustrated with portraits of Bantams of all varieties. Reports of the Club shows and the Bantam classes at leading exhibitions held in the United States and Canada last season are valuable features of the Year Book. The National Bantam Association is in a most flourishing condition, thanks to the excellent executive ability of its officers, notably, Geo. L. Young, the veteran secretary. The members are all willing to "let George do it," for he knows how and likes the job. The association is also fortunate in having a presiding officer like Hugh A. Rose, who is not only one of the greatest breeders of Bantams in Canada, but is a very popular fancier in the United States, where he exhibited at the leading shows last season. Bantam breeders should send six cents in stamps to Geo. L. Young, Secretary, 349 Eleventh St., Brooklyn, N. Y.

ARMER'S BUFF ROCKS

One of the main features of Armer's Buff Rocks is their high exhibition qualities and they surely stand high among winners wherever exhibited. Mr. Armer having hatched sufficient chicks to meet his needs the coming season has decided to sell a few of his breeders at special prices. In the lot are included some past prize winners. If interested in Buff Rocks write Fred Armer, Bellston Spa, N. Y., for further particulars and mention AMERICAN POULTRY WORLD.

CANONSBURG, (PA.) SHOW

The Canonsburg Poultry & Pet Stock Association, Inc., of Canonsburg, Pa., at a recent meeting elected the following Board of Directors for the ensuing year: Dr. W. H. Alexander, president; W. L. Arnold, vice-president; W. J. Gownen, Jr., secretary; J. J. Cannon, treasurer; Henry Horton, Geo. K. Roberts, Mont Miller and Jno. Cameron.

The show dates for their fifth annual show are Feb. 3rd to 8th, 1913, and Chas. V. Keeler has been chosen as judge. The prospects are for a fine show as Canonsburg has the reputation of having one of the best shows outside of Pittsburgh.

B. H. SCRANTON, RISING SUN, IND.

In the advertising of B. H. Scranton of Rising Sun, Indiana, on page 803 of this issue will be found an exceptional opportunity to secure some high-grade Rhode Island Reds. Scranton's Reds have the record for quality that is second to none and there is no doubt but what there is a great many high-class specimens included in this lot that Mr. Scranton wishes to dispose of immediately. Rhode Island Red hens at \$1.00 each are bargains that no one desiring to purchase fowls can afford to overlook. Considering the price of other commodities these birds will be bargains even if they are purchased for the mere purpose of supplying the roast for the Sunday dinner.

PURCHASES LARGER FARM

Ferd. L. Spielberger, proprietor of Cedar Hill Poultry Farm, Frankford, Pa., advises that he has purchased a larger farm at Newportville, Pa., and taken a partner in the poultry business. Mr. Spielberger states that his associate is a poultryman with years of experience and that the new firm will mean that the Cedar Hill White Wyandottes of the future will excel those of the past, which is "going some". All stock and equipment will be moved at once and they hope to be settled in their new quarters at an early date.

SILVER GRAY DORKINGS Exclusively. 23 years the very finest as our records show. Won more first prizes, silver cups and medals at New York and Boston the last 15 years than all our competitors combined. Will sell 50 of our this year breeding birds at reasonable prices, quality considered. Eggs \$4.00 per 13, \$7.00 per 26. Watson Westfall, Sayre, Pa. 3-8-2

DUCKS

THE NEW EDITION OF DUCKS AND GEESSE should be in the hands of every breeder of water fowl. Contains the origin of the Duck. Describes the different Standard varieties. Tells about the wonderful Duck Industry on Long Island and abroad. 104 pages, 8½ x 11½. Price 75 cents. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

PRIZE WINNING INDIAN RUNNER DUCKS, that lay and pay. The kind you are looking for. Eggs reasonable. Command us. Blue Ridge Farm, Thurmont, Md. 3-6-2

OUTLAY HENS, Buff Orpington Ducks. Finest obtainable from originator. Drake imported from England. Great layers. Indian Runner Ducks. Brooks-Walton white egg strain. White Orpington fowl. Eggs reasonable. Fred Fellows, Muskoday Farm, Weedsport, New York. 3-6-2

GEESSE

GEESSE BREEDERS should read the new edition of Ducks and Geese. Contains full particulars about the hatching, rearing and management of Geese. Price 75 cents. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

HAMBURGS

FOR SALE—Golden Pencilled Hamburgs, one cock and one hen. Very fine birds. Price \$15.00 for the pair to close them out. M. R. Jacobus, Ridgefield, N. J. tf

HOUDANS

HOUDANS—Eggs and choice Stock at reduced prices. Rollie McCrea, Fillmore, N. Y. 1-6-2

HOUDANS—Before buying stock or eggs, write me. L. A. Sedgwick, Jackson, Mich., Route No. 8. 3-6-2

HOUDANS. They are: seven yearling hens, five two-year old hens, one two-year old cock bird. Highest score bird 95½. Every bird a good one. Price \$50.00 cash. Write Paul L. Ward, Hillsdale, Michigan. 1-6-2

LANGSHANS

WHITE LANGSHAN Blue Ribbon Winners, excellent winter layers. Eggs, \$1.50 per 15. A. A. Wise, Wharton, Ohio. 3-6-2

LEGHORNS—BROWN

LAMSON'S ROSE COMBED BROWN LEGHORNS are bred to lay. Baby chicks from layers. \$15-hundred. Winners Madison Square and leading shows. Eggs for hatching. Circular. H. S. Lamson, Box C, Cameron, N. Y. tf

RUSSELL'S SINGLE COMB BROWN LEGHORNS.—Highest awards. Birds of quality. None better. Eggs for hatching. Catalog free. F. H. Russell, Box 28, Wakeman, Ohio. 3-6-2

LEGHORNS—BUFF

FISKE'S ROSE COMB BUFF LEGHORNS again sweep the deck at New York State Fair. Howard J. Fiske, Falconer, N. Y., Box N. 6-10-2

SINGLE COMB BUFF LEGHORNS, June specials. Eggs half price; chick prices reduced. 50 yearlings \$2.00 each. Wm. Crevoiserat, 38 Mill Road, Freeport, N. Y. 1-6-2

PEDIGREED S. C. BUFF LEGHORN stock and eggs from hens with records of 219—267 mated to egg-bred males. Won 1sts against 104. One-half price on eggs and stock now. Dr. Lawrence Heasley, Dorr, Mich. 4-9-2

SINGLE COMB—Grand pens of large solid Golden Buffs, headed by high scoring males and egg record females. Eggs, \$3.00 per 15, \$5.00 per 35 or \$10.00 per 100. Eggs from excellent utility stock, \$1.00 per 15, or \$5.00 per 100. Stock for sale. Stamp for circular. No postals. Geo. C. Schwegman, Richmond, Ind. 3-6-2

LEGHORNS—SILVER

SILVER LEGHORNS a specialty. 10 years a breeder of this beautiful variety. Circular free. Sylvester Shirley, Port Clinton, Ohio. 12-1-3

LEGHORNS—WHITE

WYCKOFF-BLANCHARD S. C. W. LEGHORNS, hatching eggs, day old chicks, great specialties. Largest orders filled promptly—fully guaranteed. Furnished foundation stock for Corn- ing plant. Bound Brook, N. J. Circulars tell of a new and wonderful proposition. Chicks sure to live and grow. Choice breeding stock. 19 years' experience. C. N. Reynolds, Canton, Pa. 6-6-2

BULLY GOOD WHITE LEGHORN hens and pullets at low prices. Eight weeks pullets in June 80c. July 70c. Hens \$1 to \$1.25. Satisfaction guaranteed. George Phillips, R. No. 17, Waterloo, N. Y. 1-6-2

PULLETS FOR SALE—S. C. WHITE LEGHORNS, 8 to 12 weeks old. Place your order for future delivery. Baby chicks June delivery \$9.00 per 100. Safe arrival guaranteed. Choice stock of the best laying strains. Harry F. Palmer, Middleport, N. Y. 1-6-2

S. C. W. LEGHORN yearling Hens for sale, August delivery. C. L. Stevens, Valois, N. Y. 2-7-2

YOUNG'S STRAIN SINGLE COMB WHITE LEGHORNS—Hatching. eggs \$1.50 per 15, \$7.00 per 100. High fertility and prompt, safe delivery guaranteed. Bayerdorffer, Oakwood Heights, Staten Island, N. Y. 3-6-2

SINGLE COMB WHITE LEGHORN EGGS, Young's strain, \$1.50 per 15. Charles F. Reimann, Painted Post, N. Y. 3-6-2

EGGS FOR HATCHING FROM THE BEST LAYING STRAIN of prize winning S. C. W. Leghorns and White Rocks. Birds large in size and pure white. Satisfaction guaranteed. \$1.00 and \$2.00 per 15, \$6 and \$10 per 100. Pleasant View Poultry Farm, Middletown, Pa. 12-1-3

10,000 S. C. WHITE LEGHORN BABY CHICKS for sale. \$10 per 100, \$6 per 50. From free range. Utility stocks. Eggs for hatching, \$4-100. J. K. Royer, Hartsville, Ohio. 3-6-2

200 Egg Strain of S. C. WHITE LEGHORN—stock hatching eggs and baby chicks. Prices remarkable. James Goodman, New Ringgold, Pa. 3-6-2

LEGHORNS—Several Varieties

LEGHORNS, Young's White, Grove Hill Browns, Eggs \$1.50-15, \$7.00-100. Catalogue gratis. F. M. Prescott, Ithaca, N. Y. 3-6-2

MALINES

MALINES (Mammoth Strain). Excellent layers, of large brown eggs and undoubtedly the most delicious table fowl in the world. My yards contain winners at all the largest shows on the continent. Write for handsome booklet containing history, description and prices of stock and eggs, free. J. R. Kennedy, Box B, Scarborough, Ontario, Canada. 3-6-2

MINORCAS—BLACK

S. C. BLACK MINORCAS—eggs for hatching from my prize winning stock \$1.50 per setting, incubator lots \$6 per hundred. J. C. Koehler, Quakerstown, Pa. 1-6-2

PAYNTER'S MINORCAS, Both Combs, Eggs half price for June, Rochester and Genesee Winners. Catalogue Free. John Paynter, Box 60, Hume, N. Y. 1-6-2

SINGLE COMB BLACK MINORCAS—Northrup—Pape strains prize winners, heavy layers. State your wants. Satisfaction guaranteed. Emmett Merriam, Malta, Ohio. 3-6-2

ORPINGTONS—BLACK

BLACK ORPINGTON hens for sale. Write for prices. Rev. H. N. Van Deusen, Milford, N. Y. 1-6-2

EVERY BREEDER OF BLACK ORPINGTONS should read the new Orpington Book. Tells about the Standard requirements, how to mate and breed them for best results, edited by J. H. Drevenstedt. Fully illustrated. Price 75 cents, postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y.

ROSE COMB BLACK ORPINGTONS, Madison Square Garden, Chicago, Cleveland and Detroit winners. H. C. Faulkner, Marshall, Mich., Box 10. 3-7-2

MADISON SQUARE GARDEN WINNERS last shows: Second hen, second pullet, fourth cockered. Wonderful quality in matings. Eggs from stock that produce winners. Good number of live, vigorous chicks assured. Black Beauty Orpington Yards, Southport, Conn. 3-6-2

BLACK ORPINGTONS—Won at Albany, Schenectady, Utica, Cooperstown. Eggs \$3 per setting, 2 settings \$5. George H. Davidson, Cooperstown, N. Y. 3-6-2

SPECIAL. Eggs from my blue ribbon Black Orpingtons at \$3.00 per \$15; \$5.50 per 30. Bargains in stock. S. H. Davis, Box S, Lansing, Mich. 2-6-2

ORPINGTONS—BUFF

BUFF ORPINGTON BREEDERS ATTENTION. For the origin and history of your favorite variety, read the new Orpington Book. It also tells you how to correctly mate and breed them. 80 pages, 8½ x 11½. Price 75 cents postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

BUFF ORPINGTONS—Special Bargain Sale, Cocks, Cockerels, Hens, Pullets, Can furnish winners in young stock for this Fall's shows. Write me today for prices. James D. Foley, Cherrydale Station, Washington, D. C. 1-6-2

LEXMOULT S. C. BUFF ORPINGTONS are heavy layers and prize winners. Trios, eggs for hatching and baby chicks a specialty at prices you can afford to pay. Mating list free. Lexmoult Orpington Yards, Lexington, Mass. 4-7-2

ORPINGTONS—WHITE

WHITE ORPINGTON history fully described in the new Orpington Book, the most complete work published on the popular Orpington fowl. Price 75 cents, postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

KELLERSTRASS CRYSTAL WHITE eggs ten cents each, Great layers. Dr. MacClymont, North Evans, N. Y. 2-7-2

MR. BUYER here is what you have been looking for. "Bargains". Kellerstrass White Orpington eggs \$5—hundred; \$1—fifteen. Fifty yearling hens go at \$1.75 each. Cocks 2 and 3 dollars. Don't wait. They will not last long. McKeesport winners, Special for best Display. 2 months old Chicks 2 lbs. \$1.00 each. Chicks, twenty cents. G. W. Schnably, McKeesport, Pa. 1-6-2

CRYSTAL WHITE ORPINGTONS. Eggs from choice pens \$1.00 per 15 after June first. Utility stock \$10.00—100. Few real nice Black Orpington hens and cocks, for sale cheap to make room for growing stock. Wm. Thurman, McMinnville, Tenn. 3-8-2

ROSE AND SINGLE COMB WHITE ORPINGTONS. Eggs for hatching. Stock for sale. Best of both varieties. Prices reasonable. Orchard View Poultry Farm, Apalachin, N. Y. 3-8-2

EGGS from Kellerstrass White Orpingtons \$3 per 15. Baby chicks, 40c each. Mrs. Ed. Bartlett, 821 Oak St., New Castle, Pa. 3-6-2

ORPINGTONS—SEVERAL VARIETIES

THE ORIGIN AND HISTORY of all varieties of Orpingtons, described in the Orpington Book, just published. Every breeder of Orpingtons should have a copy. Price 75 cents. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

WILLIAM COOK & SONS, Originators of all the Orpingtons, Box W., Scotch Plains, N. J. For the best Orpingtons, any variety, it is natural you must send to their Originators. Send 10c for Illustrated Catalogue, just out, with history of Orpingtons and hints on poultry keeping. tf

TRAP-NESTED, PEDIGREED BUFFS AND CRYSTAL WHITE ORPINGTONS. Heavy winter layers. Mating list free. Chicks, eggs. Alb. Peters, 934 Webster, Scranton, Pa. 2-6-2

PLYMOUTH ROCKS—BARRED

BARRED ROCK BREEDERS. Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich. tf

E. B. THOMPSON'S "RINGLETS" Direct Extra choice breeders at half price. Wm. Huckle, Waverly, N. Y. 2-6-3

BARRED ROCKS, Royal Blue Strain, Eggs \$1.50-15. Catalog gratis. F. M. Prescott, Riverdale, N. J. 3-6-2

PLYMOUTH ROCKS—BUFF

EVERY BREEDER OF BUFF ROCKS should procure a copy of the new Plymouth Rock Book, the most valuable breed book ever published. Profusely illustrated, contributed to by leading breeders; edited by Wm. C. Denny. 144 pages, price \$1.00 postpaid. Address, AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

BUFF ROCKS, the wonder winter laying strain, large rich Buff eggs \$2.50 per setting. Wm. B. Robinson, Route 6, Albion, New York. 4-6-2

POLEY BUFF ROCKS—Circular Free. W. R. Hobbie, 532 Court, Kankakee, Ill. 1-6-2

PLYMOUTH ROCKS—Columbian

COLUMBIAN PLYMOUTH ROCK BREEDERS should read the new Plymouth Rock book, contains the latest information on your favorite variety, fully illustrated, 144 pages, 3 color plates, price postpaid, \$1.00 per copy. Address, AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

COLUMBIAN ROCKS direct from Madison Square, Boston, Chicago, Philadelphia winners, eggs reasonable. Harper Mayberry, Dillsburg, Pa. 3-6-2

PLYMOUTH ROCKS—Silver Penciled

LARGE STRAIN SILVER PENCILED ROCKS. First on Cock and Hen at Central Palace, New York, 1912. Eggs \$3 per 15, \$5 per 30. Wm. M. Jones, East Hampton, N. Y. 3-7-2

300-EGG COMPARTMENTS**More Convenient Hatching Units in a Candeo Sectional Incubator**

Announcement is made of the 1913 model of the Candeo Sectional Incubator. The important change is in the division of the 600-egg section into two compartments, each containing four trays of 75 eggs—a total of 300 eggs. Each compartment is equipped with its own regulator and in reality, the machine therefore is composed of any even number of 300-egg compartments, drawing their hot water heat supply from one heater. This style construction embraces all the convenience of a battery of small machines with the important saving of time and labor, since the heater can be quickly tended as one oil lamp. There is also the value of the hot water heat, and unprejudiced authorities state that this season the hot water hatched chicks weigh a quarter more than those from hot air machines.

The sectional construction permits of enlargement at any time and the new section, being the same external size and shape as those already in use, can be added to machines now installed. Full information concerning them can be obtained by addressing the Candeo Incubator and Brooder Company, Eastwood, N. Y.

SALE OF ORPINGTON MALES

"For all men but for you in particular" is the striking announcement to be found on the summer sales folder, now being circulated by Sunswick Poultry Farm, South Plainfield, N. J. Single Comb Buff, Black and White Orpingtons are the varieties to which this circular is devoted and some rare opportunities are offered to secure exceptionally high-grade stock at amazingly low prices. Sixty cocks and cockerels that were reserved for their own breeding pens must be disposed of immediately owing to lack of room for growing stock. These birds are valued at from \$5.0 to \$15.00 each, but to move them quick they will be disposed of at \$3.00 and \$5.00 each.

We dare say that the wise ones will lose no time in availing themselves of this opportunity and that these birds will be snapped up lively. It will be a case of first come first served, therefore, if you, reader, are desirous of securing a high-class male for breeding purposes you had better send in your order at once. It will be appreciated if you will mention A. P. W. when writing.

WHITE ORPINGTON CLUB YEAR BOOK

The 1912 Book issued by the American White Orpington Club is one of the finest specialty club publications of the season. The book contains a series of articles on White Orpingtons, with commendations of the leading breeders as to mating to produce color and shape and other subjects of interest and value to breeders. A list of over one thousand members is given which indicates the strength of the club and the great popularity of the White Orpington. This book will be sent upon receipt of ten cents to cover the cost of postage. Address F. S. Bullington, Secretary, Box 328, Richmond, Va.

HILLCREST LOUSE EXTERMINATOR

With the event of hot weather, lice become plentiful and fowls and chickens have the time of their lives trying to keep comfortable with a million or more parasites covering their bodies and feathers. Chickens infected with lice will not thrive, so it is up to the poultry breeder to rid his feathered pets from these pests. The Hillcrest Louse Exterminator will do the trick every time. It has been used and found effective by many leading poultrymen. It is manufactured and guaranteed by the J. G. Dinsmore Company, Kramer, Indiana. The little booklet issued by the latter tells all about this louse exterminator.

* * * Our poultry books cover all subjects.—Ask for a list * * *

PLYMOUTH ROCKS—WHITE

WHITE ROCKS, BARRED ROCKS, SICILIAN BUTTERCUPS, WHITE LEGHORNS, GOLDEN SEBRIGHT Day old chicks. Stock and eggs. Yours for square dealing. Powers & Powers, Westfield, N. Y. 3-6-2

HIGH CLASS WHITE ROCKS, (Fishes) direct. Wonderful layers—30 eggs \$1.50; 100—\$3.50. Hens and Cocks, Cheap. Henry Heitkamp, New Bremen, Ohio. 2-7-2

WHITE PLYMOUTH ROCK breeders should secure a copy of the new Plymouth Rock Book, just out. Invaluable for beginners or experienced breeders. Edited by Wm. C. Denny. One dollar will bring a copy postpaid. Address. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

PLYMOUTH ROCKS—SEVERAL VARIETIES

JUST OUT—The new Plymouth Rock Book. The most complete work on all varieties of Plymouth Rocks ever published, contains 144 pages, 3 color plates and many half-tone illustrations. Tells how to mate, breed and exhibit all varieties of this popular fowl. Edited by Wm. C. Denny, price \$1.00 postpaid. Address. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

POLISH

WHITE CRESTED BLACK POLISH—When in doubt try Smith's None Better. Eggs \$2 for 15, \$3 for 30. Circular free. Rufus Smith, Afton, N. Y. 1-6-2

WHITE CRESTED BLACK POLISH exclusively. Magnificent stock and eggs for sale in season. Dr. W. V. Woods, Odessa, Del. 1-6-2

RHODE ISLAND REDS

EVERY BREEDER OF ROSE AND SINGLE COMB Rhode Island Reds should read the new Rhode Island Red Book, just out. Gives complete history of this popular variety. Tells how to mate and breed for best results; edited by D.E. Hale. Fully illustrated. A Standard for Red breeders. Price per copy, 75c postpaid. Address. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

REDNEY RHODE ISLAND REDS. Rose and Single Comb. Winners at New York and wherever shown. Eggs for hatching, send for mating list. J. Alvah Scott, Ossining-on-Hudson, N. Y. 4-6-2

SINGLE COMB RHODE ISLAND REDS—Eggs for hatching, \$2.00 per 15. Record layers, prize winning, healthy and vigorous. E. O. Kenyon, Shannock, R. I. 3-6-2

TOMPKINS REDS, both Combs, Eggs \$1.50-15, \$7.00-100. Catalog gratis. F. M. Prescott, Riverdale, N. J. 3-6-2

ROSE COMB RHODE ISLAND RED eggs reduced from \$1.25 to \$1.00 for 15, best of matings. Solomon Smith, Eagleport, Ohio. 1-6-2

ROSE COMB RHODE ISLAND RED eggs for hatching. C. O. Bartlett, Beverly, Ohio. 3-8-2

RHODE ISLAND REDS. Eggs \$2.00 setting; utility \$7.00-108. See page 820. W. S. Harris, Mansfield, Mass. 3-8-2

JOIN THE "TABASCO CLUB." It consists of Rhode Island Red exhibitors. Its business is to help its members to win. It can help you to win. Write for particulars. Old Acres, Foxboro, Mass. 1-6-2

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MCCARTHY'S PEERLESS R. I. WHITES have won at the country's largest shows. Are you interested in the best? Our catalogue is free. Carl B. McCarthy, Box W, Kempton, Ind. 3-8-2

TURKEYS

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Plymouth Rocks. See our ad on page 469. Bird Bros., Meyersdale, Pa. tf

NEW TURKEY BOOK. Describes all varieties. Tells how to mate, hatch and rear, exhibit and judge Turkeys. Contains beautiful frontispiece showing Bronze Turkeys in natural colors and is fully illustrated. 75c per copy, postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

WYANDOTTES—BLACK

BLACK WYANDOTTE WINNERS. Stock and eggs. Geo. H. Boyd, 1255 Morse St., N. E., Washington, D. C. 9-6-2

WYANDOTTES—Partridge

PARTRIDGE WYANDOTTES for sale. 15 choice eggs, farm flock, \$1.25, 30-\$2.00. Select matings \$3.00 per 15. \$5.00 per 30. Ravine Poultry Farm, Almond, N. Y. 1-6-2

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UNPARALLELED Blue Ribbon Record for 25 years at America's leading Shows, and World's record in males. Stock and Eggs. A. T. Beckett, Salem, N. J. 6-10-2

WYANDOTTES—WHITE

WHITE WYANDOTTES, Owen Farms Strain, Eggs \$1.50-15. Catalog gratis. F. M. Prescott, Riverdale, N. J. 3-6-2

FISHEL'S WHITE WYANDOTTES, eggs, \$1 per setting. W. H. Nagel, Franklinville, N. Y. 3-6-2

DUSTON'S WHITE WYANDOTTES, eggs one-fifty per fifteen—Heavy layers. MacClymont, North Evans, N. Y. 3-7-2

SEVERAL BREEDS

ORNAMENTAL BREEDS—Pheasants, Peafowl, Wild Geese, Rabbits, Swans, Pigeons, Bantams, Quail, Wild Turkeys, Storks, Ducks, Monkeys, Reeves Pheasants, \$4.00 setting; Hung, Partridges, \$2.50 setting. Colored catalog, 350 varieties, 20 cents. Exchanges made. U. Pheasantry, Poughkeepsie, N. Y. 3-6-2

S. C. BUFF ORPINGTONS—A few laying pullets left from choice stock raised on free range. \$2 to \$5. Rice Strain S. C. White Leghorn eggs for hatching. S. B. Wardwell, Carthage, N. Y. 3-6-2

EGGS \$1.00 per 15. Single Comb Brown and White Leghorns, Rhode Island Reds, Barred Rocks, Dark Cornish Games, White Wyandottes. Blanche Nichols, Shingle House, Pa. 3-6-2

MADISON SQUARE WINNERS. Eggs at \$5.00 per setting, and some good birds at reasonable prices. Dr. C. J. Andruss, Canandaigua, N. Y. tf

DAY-OLD-CHICKS

MILES BROTHERS' BABY CHICKS with vim and vigor, 10 to 20 cents each. Safe delivery guaranteed. Older stock for sale. Prices very reasonable. Bred to lay trap-nested S. C. Rhode Island Reds and Kellerstrass Crystal White Orpingtons, all descendants of his best matings a specialty. Forestview Poultry Farm, Miles Bros., R. D. 2, Saint Johnsville, N. Y. tf

REVISED EDITION OF THE CHICK BOOK, just published, should be read by every poultryman. Tells what and when to feed. How to construct brood coops, chick shelters, provide green food, how to fatten for market, how to ship day-old chicks, etc. 80 pages 8½ x 11½, 50 cents postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

Our Motto: "Live Chicks and Chicks That Live". **THREE WEEKS OLD CHICKS OUR SPECIALTY.** Nothing shipped younger. Sale of Day Old Chicks is a snare to catch the uninitiated. S. C. White Orpingtons. Satisfaction guaranteed. L. V. Wilson, De Cliff, Ohio. 1-6-2

50,000 BARRED ROCK CHICKS. Also White and Brown Leghorns from best heavy laying strains. Hatched in Mammoth Incubators, the kind you can raise. \$5.50 per 50; \$10 per 100. Quick shipment and safe arrival guaranteed. Fine Catalog Free. R. H. Loveland, Lamar, Pa. 1-6-2

FOR SALE—BABY CHICKS. vigorous and strong Buff Plymouth Rocks, 30 dollars 100; Buff Wyandottes, 30 dollars 100; White Plymouth Rocks, 25 dollars 100; White Wyandottes, 25 dollars 100; Black Minorcas, 25 dollars 100; S. C. White Leghorns, 20 dollars 100. Eggs for hatching, 5 and 8 dollars a setting. Ch. P. Hatch, Plumbeach Farm, Port Washington, L. I. 8-7-2

BABY CHICKS of quality. We prepay expressage. 9 leading varieties. Catalogue free. South Kenton Poultry Farm, Kenton, Ohio. 4-6-2

WHITE LEGHORN BABY CHICKS, bred from mature hens, with heavy winter laying records. Hatched in Mammoth Incubator. Averaged 65 per cent. pullets, past 4 years. Our chicks make good, satisfaction guaranteed. Circular free. H. L. Hamilton, Huntington, N. Y. 3-6-2

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